UTAH DIVISION OF OIL, GAS AND MINING
REMARKS WELL LOG LECTRIC LOGS F WATER SANDS LOCATION INSPE
931/30 Bevilan to Equitable / Balcon eff. 9-1-93: 9/0040/ Oper Non Chy.
4-14-96/36
9-14-1
870817 cha of oper 7/87
DATE FILED 8-6-79 U
LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-7978 INDIAN
DRILLING APPROVED: 8-6-79 a/6
SPUDDED IN: 1-27-71
COMPLETED: 8-16-79 Paul PUT TO PRODUCING: 9-28-80
INITIAL PRODUCTION: 11.8 BOP/D.
GRAVITY A.P.I.
GOR:
PRODUCING ZONES: $\binom{h}{2}$ $\ell$ $\ell$ $\ell$
TOTAL DEPTH: 5440
WELL ELEVATION: 5429 KB
DATE ABANDONED:
FIELD: Wildcat MONUMENT BUTTE
UNIT:
COUNTY: Duchesne
WELL NO. P.O.M.C.O. #5
LOCATION 1980' FT. FROM XXX (S) LINE. 660' FT. FROM XXX) (W) LINE. NW SW' 4-4 SEC. 17
, /
TWP. RGE. SEC. OPERATOR TWP. RGE. SEC. OPERATOR
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	GEOLOG	SICAL SURVEY			บ-7978	
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b. Tipe of WELL	rr 🖪	DEEPEN 🗌	PLUG BAG	ᄷᆈ		
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. HAME OF OPERATOR	LL CO OTHER				P.O.M.C.O.	•
Painta Oil &	Mining Corporat	on .		•	9. WELL NO.	
. ADDRESS OF OPERATOR					<b>#</b> 5	
1901 Prospe	ctor Square Park	City, Utah 84	060		10. FIELD AND POOL,	DR WILDCAT
At surface			•		Wildcat	•
660' FWL - 19	980' FSL Section	17, T9S, R17E,	S.L.B. & M.		11. SEC., T., B., M., OR AND SURVEY OR A	BLE. Rea
At proposed prod. 2020		MIL)	SW	.	Sec. 17 T9S	
4. DISTANCE IN MILES A	NO DIRECTION FROM MEAR				S.L.B &	M.
18 miles from	m Myton, Utah	100			Duchesne	Utah
S. DISTANCE FROM PROPUL LOCATION TO MEAREST	SEP*	16. No.	OF ACRES IN LEASE		ACRES ASSIGNED	1 Ocali
PROPERTY OR LEASE LI (Also to mearest drig.	INR. FT.		160	40	IS WELL	
8. DISTANCE PROM PROPO TO PEAREST WELL, DR	HELDING, COMPLEAD,	19. PRO	POSED BEPTH		T OR CABLE TOOLS	<del></del>
OR APPLIED FOR, ON THE	S LEASE, FT.		6000 W W	Rot	arv	
L BLEVATIONS (Show when	ther DF, RT, GR, etc.)	•			22. APPROX. DATE W	
5417'		· · · · · · · · · · · · · · · · · · ·	·		July 30,	1979
	P1	ROPOSED CASING AND	CEMENTING PROGRA	/M	•	•
ALLE OF WOLK	EIZE OF CARING	WRIGHT PER POOT	· BETTING DEPTH		QUANTITY OF CEME	MZ
= 12 1/2	8 5/8"	36#	300'		sacks	
7 7/8"	4 1/2"	27#	6000'	400	sacks	·
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CONDITIONS OF APPROVAL ATTACHED

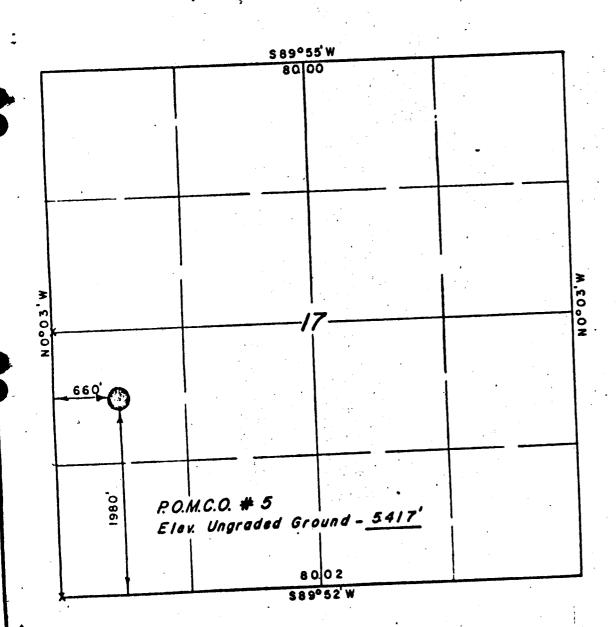
OTICE OF APPROVAL

\*See Instructions On Reverse Side

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4)

JUL 1 8 1979

# T9S, RITE, S.L.B.& M.



X= Section Corners Located

# PAIUTE OIL & MINING CORP.

Well location, PO.M.C.O. # 5
located as shown in the NW 1/4 SW 1/4
Section 17, T9S, R17E, S.L.B.&M.
Duchesne County, Utah.

#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD HOTES OF ACTUAL SURVEYS WADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR REGISTRATION Nº 2454

UINTAH ENGINEERING & LAND SURVEYING
POBOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

AEUUVE!	
SCALE  " = 1000	DATE 10/27/78
	REFERENCES GLO Pigt
WEATHER FRIT & COOL	FILE PAIUTE OIL & MINING C

# UNITED STATES



Form approved, Budget Bureau No. 42-R1425.

DEPARTMENT OF THE INTERIOR -					5 LEARE DESIGNATION	IND BERIAL NO.			
GEOLOGICAL SURVEY					u-7978				
APPLICATION	FOR PERMIT	O DRILL I	DEEPEN.	OR P	LUG P	ASS	6. IF INDIAN, ALLOTTEE	OR TRIBE NAME	
DRI b. Tipe of well	rr 🖪	DERECEN JUL 19	E	PLI	JG BAC	ox I	T. UNIT AGREEMENT NA		
	ELL OTHER		ZONE		MULTIP. ZONK	<u> </u>	S. PARM OR LEASE NAM	I E	
2. NAME OF OPERATOR	479 B	GAS, &	W.	<b>:</b> =/			P.O.M.C.O.		
Paiute 0il 8	Mining Corpora			<u>/</u>					
3. ADDRESS OF OPERATOR	-	The state of the s	17116				#5	a William	
1901 Prospe	ctor Square Par	k City City	h 6406	0			!	- ",,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
At surface				•			Wildcat	11.8	
660' FWL - 1	980' FSL Section	n 17, T9S,	R17E, S	.L.B.	& M.		AND SURVEY OR AR	EA	
At proposed prod. zoz	ie .						Sec. 17 T9S	•	
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POS	T OFFICE®	<del></del>			S.L.B &		
	m Myton, Utah	10 02 100					Duchesne	Utah	
15. DISTANCE FROM PROPE LOCATION TO NEARES: PROPERTY OR LEASE I (Also to Dearest dr)	r Jine, pt.		16. NO. OF	ACRES IN	LEASE	20, 2	OF ACRES ASSIGNED HIS WELL		
18. DISTANCE PROM PROI	OSED LOCATION® RILLING, COMPLEZED,	, <del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	19. PROPOS			20, 807	AU ROTART OR CABLE TOOLS ROTARTY		
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)		<u>'</u>	<u> </u>	<del></del>		22. APPROX. DATE WO	DRK WILL START	
5417'		•					July 30,	1979	
23.	1	PROPOSED CASI	NG AND CE	MENTIN	PROGR	M	•	•	
RIZE OF ROLE	BIZE OF CASING	WEIGHT PER P	00Т	SETTING I	EPTH	ī	QUANTITY OF CEME	NT	
12 1/2	8 5/8"	36#		300'		25	50 sacks		
7 7/8"	4 1/2"	27#		6000'		40	00 sacks		
•								•	
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and mensured and true vertical depths. Give blowout preventer program, if any. 24.

(This space for Federal or State office use)

APPROVAL DATE

APPROVED BY

**ACTING DISTRICT ENGINEER** 

JUL 1 8 1979

SUMPLIFIARING OF BALLUNING

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CONDITIONS OF APPROVAL, IF ANT:

DISTRICT ENGINEER, SALT LAKE CITY, UTAH SUBJECT: APD MINERAL EVALUATION REPORT	LEASE NO.	11 7 a 7 8
OPERATOR: Painte Oil + Minimus		
LOCATION: ½ MW & Sw & sec. 17, T. 90, R. 17	E, cum	_
Duckesne County, 11th		
1. Stratigraphy: surface - Untah 1770 - Gran River truth		
2900 - Evacuation Creek Mbr. 3470 - Parachute Creek Mor 3920 - Mahogany bed-oi 4890 - Donalas Creek Mbr 5510 - Blade Shale Mbt 6000 - TO	/ shale	
2. Fresh Water:		
none expedded		
3. Leasable Minerals:  Possible gas - Parachute Creck  Probable Toil in Donela, Creck  Oil shale 3920'-3970'- ma	Mbr Mr. Logany b	ed.
4. Additional Logs Needed:		
adequale		
•	. •	<b>A</b>
5. Potential Geologic Hazards:		
none expeded	•	· .
6. References and Remarks:	_	
ME297 BUNITY Samuel Payers & Danie OHILL	1 P-81 - 8	176

Signature:

Date: 3 - 4 - 79

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United States Department of the Interior Geological Survey 8440 Federal Building Salt Lake City, Utah 84138

#### Usual Environmental Analysis

Lease No.: U-7978

Operator: Paiute Oil & Mining Corp. Well No.: 5

Location: 660' FWL & 1980' FSL Sec.: 17 T.: 9S R.: 17E

County: Duchesne State: Utah Field: Wildcat

Status: Surface Ownership: Public Minerals: Federal

Joint Field Inspection Date: July 11, 1979

Participants and Organizations:

Greg Darlington

Bill Arnold

Bob Pendar

Olin Glover

Rick Pentelut

Gene Stewart

USGS - Vernal

BLM - Vernal

Paiute Oil and Mining
Paiute Oil and Mining
Pauite Oil and Mining
Uinta Engineering

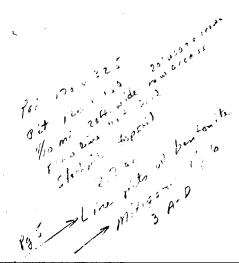
Related Environmental Analyses and References:

(1) Unit Resource Analysis, Duchesne Planning Unit, BLM, Vernal.

Analysis Prepared by:

Greg Darlington Environmental Scientist Vernal, Utah

Date: July 12, 1979



#### Proposed Action:

On March 7, 1979, filed an Application for Permit to Drill the No. 5 exploratory well, a 6000 foot (oil and gas) test of the Green River Formation; located at an elevation of 5417 ft. in the NW/4 SW/4 Section 17 T9S R7E on Federal mineral lands and Public surface; lease No.U-7978. There was no objection to the wellsite nor to the access coad.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the U.S.G.S. District Office in Salt Lake City, Utah and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the BLM the controlling surface agency. Rehabilitation plans would be decided upon as well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 170 ft. wide x 325 ft. long and reserve a pit 120 ft. x 150 ft. A new access road would be constructed 20 ft. wide x .4 miles long \* from a maintained road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is as soon as approved and duration of drilling activities would be about 30 days.

#### **Location and Natural Setting:**

The proposed drillsite is approximately 18 miles south of Myton, Utah, the nearest town. A fair road runs to within .4 miles of the location. This well is a wildcat well.

#### Topography:

The location is on a ridge which slopes gently to the south into a nonperennial drainage which drains eastward into the Green River.

\*This would be a 20 ft. useable crown road.

#### Geology:

The surface geology is the Uinta Formation of Eocene Age.

The soil is a sandy clay with mixed shale and sandstone gravels.

No geologic hazards are known near the drillsite.

Seismi**c** risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formations to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occuring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey Engineers and determined to be adequate.

#### <u>Soils:</u>

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroach ment of undesired species on the disturbed ares. The operator proposes to rehabilitate the location and access road per the recommendations of the Bureau of Land Management.

Approximately 2.7 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

#### Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drillingoperations phase, increasing dust levels and exhaust pollutants in the
area. If the well was to be completed for production, traffic would
be reduced sub stantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels.
If the project results in a dry hole, all opera tions and impact from
vehicluar traffic would cease after abandonment. Due to the limited
number of service vehicles and limited time span of their operation,
the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

#### Precipitation:

Annual rain fall should range from about 8" to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is aroung 8".

Winds are medium and gusty, occurring predominately from West to East. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

#### Surface Water Hydrology:

The location slopes southward into a nonperennial drainage, draining then in a generally eastward direction into the Green River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks and spills. The operator is required to report and clean-up all spills or leaks.

#### Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water would be reported. Water production with the gas would require disposal of producted water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. The pits would be lined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

The pits would be lined with bentonite or similar material to prevent seepage and avoid unnecessary water transportation costs.

Vegetation:

The vegetation was that of a scattered mixture of sage brush, rabbit brush, cactus and native grasses. In general, plants in the area are of the salt-desert-shrub types.

Proposed action would remove about 2.7 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

#### Wildlife:

The fauna of the area consists predominately of mule deer, coyotes, rabbits, foxes, and varities of small ground squirrels and other types of rodents and various types or reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

An animal and plant inventory has been made by the BLM. No endangeres plants or animals are known to inhabit the project area.

#### Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigation the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operations may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Duchesne County.

But should this well discover a significant new hydrocarbon source, local, state and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantialy greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Duschesne Bureau of Land Management Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

#### Waste Disposal:

The mud and reserve pits would contain all fluids used during the drilling operations. A trash cage would be utilized for any solid wastes generated at the site and would be hauled away at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

#### Alternative to the Proposed Action:

1). Not approving the proposed permit -- the oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development <u>if</u> the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as mush as possible under U.S.G.S. and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2). Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetation, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Butmide 135

- 3). Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.
- A. The .4 miles of required new access road are to be a crown road of 20 feet width rather than 18 as stated in the APD.
- B. A trash cage is to be used instead of burn pit and any solid wastes generated at the site would be hauled away at the completion of the drilling operations.
- C. The pits would be suitably lined to prevent seepage and save water transportation costs.
- D. Topsoil would be stockpiled on the west side of the pad near where the access road meets the pad and not downhill from the pits as on the original layout diagram.

#### Adverse Environmental Efects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 2.7 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emmissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associatd with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spils of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable committment of resources would be made. Erosion from the site would eventually be carried as sediment in the Green River. The potential for pollution to the Green River would exist through leaks and spills.

#### Determination:

This requested action does does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, 102 (2) (C).

7/17/79

District Engineer U. S. Geological Survey Conservation Division Oil and Gas Operations Salt Lake City District



Painte Oil + Mining Well# 5 Section 17, T95, RITE

#### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Pa	iute Oil	& Mining	Well No	5
Location	Section	17 <b>-9</b> s-17E	Lease No.	U-7978

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

- 1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
- All shows of fresh water and minerals will be reported and protected.
   A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- 3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended for more than 30 days, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Engineer must be notified at least 48 hours in advance of the plugging of the well, in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a

	The U.S. Geological Survey District Office address and contacts are:
	Address: 8440 Federal Building, 125 South State St., Salt Lake City, UT 8413  Office Phone: (801) 524-5650  District Engineer E. W. Guynn  Asst. Dist. Engineer W. P. Martens  Asst. Dist. Engineer R. A. Henricks  Home Phone: 466-2780  Home Phone: 484-2294
	Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes but is not limited to such items as road construction and maintenance, handling of top soil, and rehabilitation.
8.	If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed for prior approval of the District Engineer, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9.	Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Engineer's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10.	This application is valid for a period of one year from the date of approval No extensions will be considered. If the application terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, future operations will require a new application be filed for approval.
11.	If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.

8.

9.

12.

SUPPLEMENTAL STIPULATIONS OF APPROVAL CONTINUED

Paiute Oil & Mining Corp. Well # 5 Section 17-9S-17E Duchesne County U-7978

#### Supplemental Stipulations:

- 1. It may be necessary to haul water during the construction of the access road.
- 2. The access road from well no. 5 to wells no. 4, 3 and 1 and well locations 4, 3, and 1 would not be constructed until they were ready to be drilled.
- 3. Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Mahogany formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers.
- 4. The .4 miles of required new access road are to be a crown road of 20 feet width rather than 18 as stated in the APD.
- 5. A trash cage is to be used instead of burn pit and any solid wastes generated at the site will be hauled away at the completion of the drilling operations.
- 6. The pits will be suitable lined to prevent seepage and save water transportation costs.
- 7. Topsoil will be stockpiled on the west side of the pad near where the access road meets the pad and not downhill from the pits as on the original layout diagram.

### 1. Geological Name of Surface Formation

- (A) Uinta Formation of Eocene Age
- 2. Tops of Important Geological Markers
  - (A) Evacuation Creek Member of Upper Green River (Approx. 2600 Ft.)
  - (B) Douglas Creek Member of Basal Green River Formation (Approx. 5100 Ft.)
- 3. Estimated Depths of Anticipated Water, Oil or Gas
  - (A) Gas anticipated at 2600 Ft. in Evacuation Creek Member (Water or Oil not anticipated)
  - (B) Oil & Gas anticipated in Basal Green River Formation (Douglas Creek) at 5100' to 5600'
- 4. Proposed Casing Program
  - (A) 300 Ft. of 9-5/8" surface casing A.P.I. 36 Lbs. per Ft. (J-33), 5100 Ft. of 4½" A.P.I. 27 Lbs. per Ft. (J-55). All pipe to be purchased as new.
- 5. Specifications For Pressure Control Equipment
  - (A) 8 inch series 900 Double Hydraulic B.O.P. with Pipe Rams and Blind Rams
  - (B) B.O.P. to be pressure tested before spudding and daily testing of closing units and rams while drilling.
- 6. Proposed Circulating Medium
  - (A) Brine water is proposed to be used unless additional weight is needed to control pressures or heaving shale. In this event a chemical-gel fresh water mud will be used and Barite as needed to control pressure.
- 7. Auxiliary Equipment To Be Used
  - (A) Upper Kelly Cock
  - (B) Float At Bit
  - (C) Floor T.I.W. Valve (stabbing valve) for drill pipe
  - (C) Gas Detector Logging Unit

### 8. Testing, Logging And Coring Program

- (A) Drill Stem Test of Evacuation Creek and Douglas Creek
- (B) Will Run Gamma-Neutron, Caliper, and Density Logs (Density Log is Optional)

## 9. Anticipated Abnormal Pressures, Temperatures or Hazards.

- (A) No abnormal pressures expected
- (B) No Hydrogen Sulfide Gas expected

## 10. Starting Date And Duration Of Operations

- (A) Anticipated starting date March 30, 1979 for Well #1, April 30, 1979 for Well #2, May 30, 1979 for Well #3, June 30, 1979 for Well #4, and July 30, 1979 for Well #5
- (B) Each well is anticipated to be drilled in approximately 30 days.

		and the control and another control of the second
5	Drawing i Drigo MISPIC &	FlowLine
	8" SCY185 900	
	WITH PIPE RAMS & BLIND RAMS	
		J
	(2) 3" outlets	
	SURFACE	8,0" scries 900 5 pool
-		to cosing hend
		-85/8 CASING

1

<u>.</u>

Paiute Oil & Mining Corporation P.O.M.C.O. #5 Section 17, T9S, R17E, S.L.B. & M.

#### 1. EXISTING ROADS

See attached Topographic Map "A".

To reach Paiute Oil & Mining Corporation well location, P.O.M.C.O. #5, located in the Not & Sol, Section 17, T9S, R17E, S.L.B. & M., Duchesne County, Utah; proceed Southwesterly out of Myton, Utah along U.S. Highway 40, 1.5 miles to the junction of this Highway and Utah State Highway 53-216, to the South; proceed Southerly along this Highway 1.5 miles more or less, to the intersection of Utah State Highway 53 and Utah State Highway 216, thence proceed Southeasterly along Utah State Highway 216, 11 miles to the junction of this road and an existing dirt oil field service road to the Southwest; proceed Southwesterly along this service road 1 mile to the junction of this road and a road to the Southwest, proceed Southwesterly along this road 1.7 miles to the point at which the planned access road (to be discussed in Item #2) leaves the existing road and proceeds in an Southeasterly direction.

The Highway mentioned in the foregoing paragraph are bituminous surfaced roads up to the intersection of Utah State Highways 53 and 216, at which point Utah State Road 216 is constructed out of existing native materials that are prevalent to the existing areas it is located in and ranges from clay to a sandy-clay shale material, as are the afore mentioned dirt oil field service roads and other roads in the vicinity.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of the well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

#### 2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing service road in the SE ½ NE ½ Section 18, T9S, R17E, S.L.B. & M., and proceeds in an Easterly direction for a distance of 0.4 miles to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

This proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut area of the road will be 11/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

Painte Oil & Mining Corporation P.O.M.C.O. #5 Section 17, T9S, R17E, S.L.B. & M.

#### 2. PLANNED ACCESS ROAD - continued

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges or at intervals and location that will provide the greatest sight distance. These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet ends.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The vegetation along this route consists of sparse amounts of sagebrush, rabbit- brush, some grasses and cacti with large areas that are devoid of vegetation.

#### 3. LOCATION OF EXISTING WELLS

There are no other Paiute Oil & Mining Corporation wells within a one mile radius of this location (See Topographic Map "B"). For exact location of this well within Section 17, T9S, R17E, S.L.B. & M., see the location plat.

## 4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no Paiute Oil & Mining Corporation batteries, production facilities, oil gathering lines, injection and disposal lines within a one-mile radius.

In the event that production of this well is established, the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

If there is any deviation from the above, then all appropriate agencies will be notified prior to the construction and all necessary requests and application will be made.

#### 5. LOCATION OF AND TYPE OF WATER SUPPLY

Water to be used for the drilling and production of this well will be hauled by truck from the Duchesne River, at a point where Highway 40 crosses it North of Myton, Utah approximately 16 miles to the Northeast from the proposed location site.

Painte Oil & Mining Corporation P.O.M.C.O. #5 Section 17, T9S, R17E, S.L.B. & M.

#### 5. LOCATION OF AND TYPE OF WATER SUPPLY - continued

In the event that the above source is not used other arrangements will be made with the proper authorities for an alternate source.

All regualations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

#### 6. SOURCES OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during the construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of a sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.

#### 7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve and burn pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be burned in the burn pit. Non-flammable materials such as cuttings, salts, chemcials, etc., will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the burn pit will be fenced on all four sides with a net wire, and the reserve pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted. A portable chemical toilet will be supplied for human waste.

#### 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

#### 9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #6, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

Paiute Oil & Mining Corporation P.O.M.C.O. # 5
Section 17, T9S, R17E, S.L.B.
M.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be resphaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items: #7 and #10.

#### 11. OTHER INFORMATION

#### The Topography of the General Area - (See Topographic Map "A".)

The area is a basin that lies between the Book Cliff Mountains to the South and the Uintah Mountains to the North. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstones, conglomerates, and shale deposits.

The majority of the washes and streams in the area are non-perennial streams and flow to the Southeast and are tributaries to the Green River.

The soils of the semi-arid area are of the Uinta Formation and Duchesne River Formation (the Fluvial, Sandstone, Mudstone) from the Eocene and Quaternary Epoch (gravels surfaces) and the visible geologic structures consist of light brownish clays(OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates, and shales).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses, and cacti, and large areas of bare soils devoid of any growth. In the areas that are formed along the edges of perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses and cacti can be found.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

#### The Topography of the Immediate Area (See Topographic Map "B")

P.O.M.C.O. #5 Location site sits on a relatively flat area which is part of what is known as Pariette Bench. The Green River is located approximately 11 miles to the East of the location.

Paiute Oil & Mining Corporation P.O.M.C.O. #5 Section 17, T9S, R17E, S.L.B

#### 11. OTHER INFORMATION - continued

The geologic structure of the location is of the Uinta Formation and consists of light brownish-gray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes from the West through the location to the East at approximately a 3% grade.

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

#### 12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Olin Glover
Paiute Oil & Mining Corporation
1901 Prospector Square
P.O. Box 1329
Park City, Utah 84060

Tele: 649-8212

#### 13. CERTIFICATION

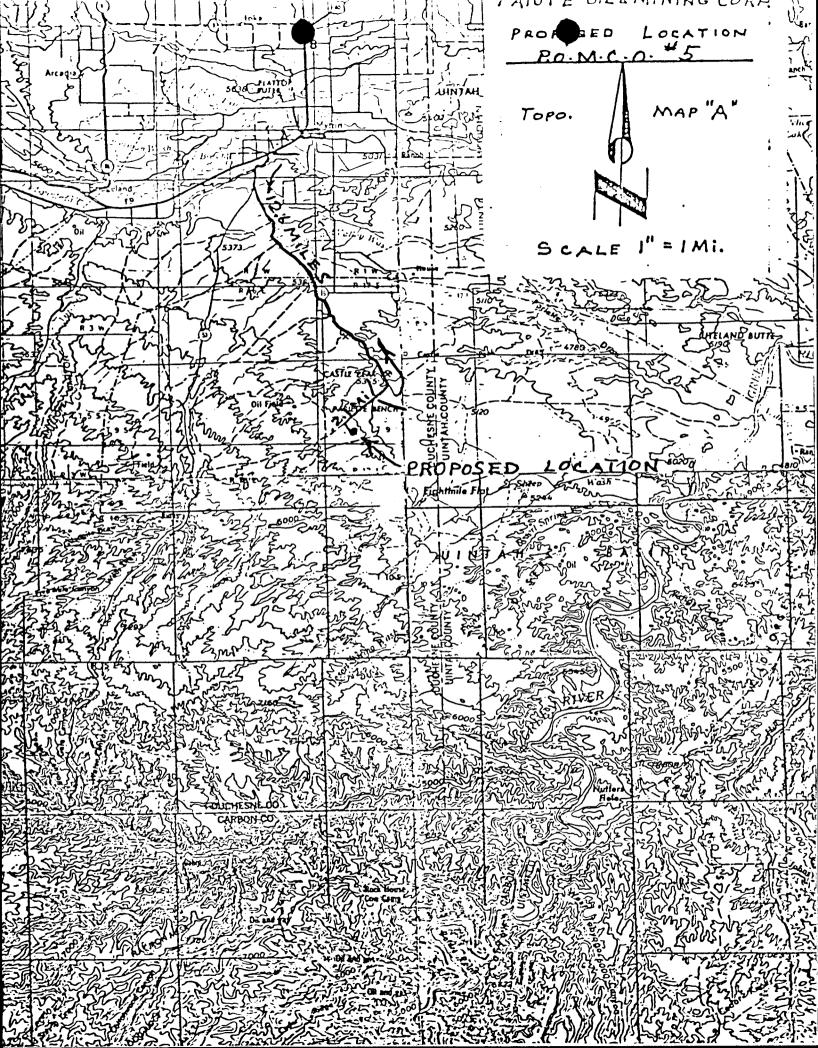
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Paiute Oil & Mining Corporation and its contractors and sub-contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

בייי אבד

Olin Glover

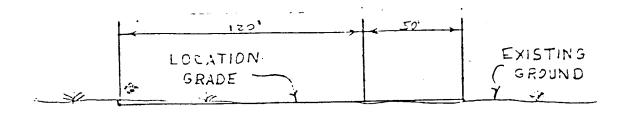
Drilling and Production Superintendant

J

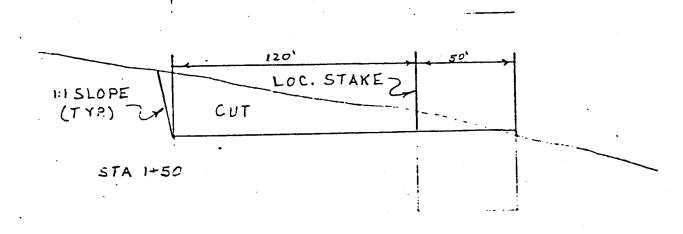


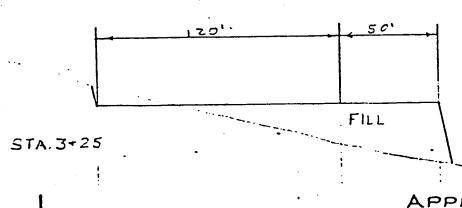
# PAIUTE OD & MINING CORP PO.M.C.O. #5

LOCATION LAYOUT & CUT SHEET SEC. 17, 795, RITE S.L.B. & IVI.



STA. 0+00



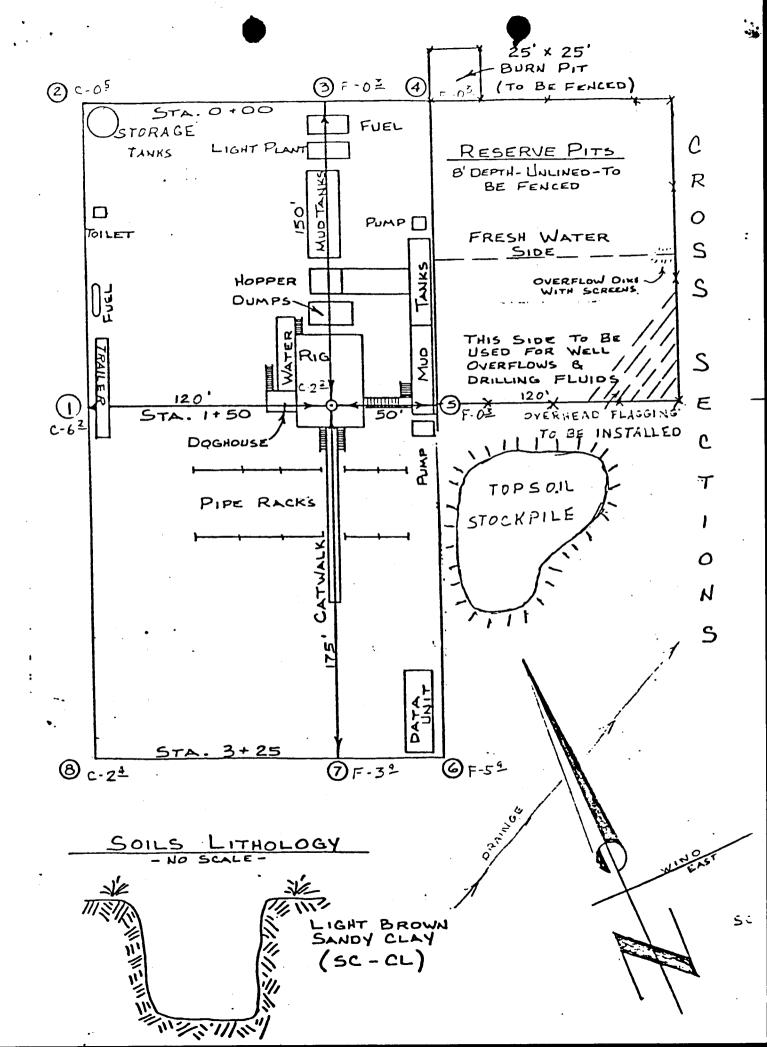


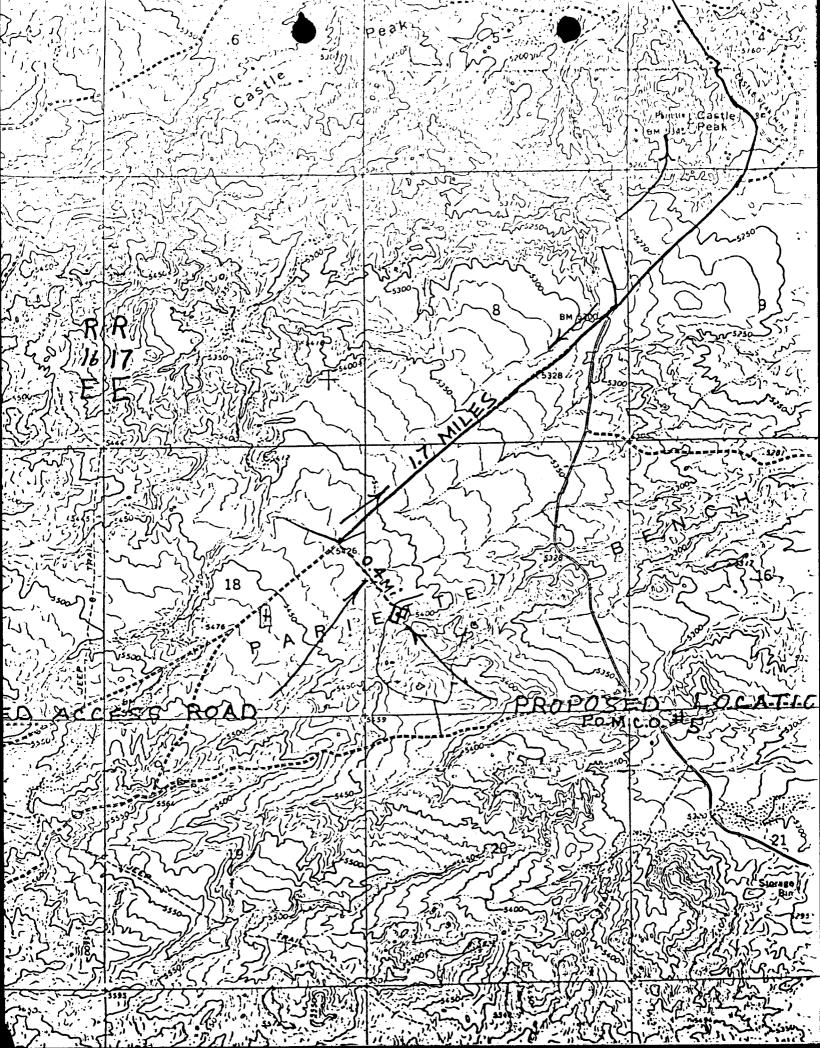
1"= 50"

SCALE
1' . 50'

APPROX. YARDAGES

CVT 3,612 CU 105.





#### DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE:

Utch

SERIAL NO.:

USA Utab 7978

and hereby designates

NAME:

Painte Oil and Mining Corporation

ADDRESS:

Box 1329, 1640 Park Avenue, Ste 201,

Park City, Utah 84060

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 9 South, Rango 17 East, S.L.K. Section 4: Ints 1-12, Start, Skink, Skink, Minister

Section 8: 196, 1962t, 1962t

Section 17: Str

Section 31: MM, Name, Hatel

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

(Signature of lessee)

7. O. Box 2875

Campar, Wyoming 82602

(Address)

October 20, 1978

(Date)

U. S. SOVERSERENT PRINTING SPRICE 16-83508

OPERATOR

STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

#### \*\* FILE NOTATIONS \*\*

Date: 4 114 20, 1979	•				
Operator: Painte Dil 4 Mis	ring Corporation				
Well No: P.O.M.C.O. #5					
Location: Sec. <u>17</u> T. <u>95</u> R. <u>17E</u>	County: Duchespe				
File Prepared: //	ntered on N.I.D.: //				
	ompletion Sheet: //				
$\sqrt{API}$ Number: $43$	-013-30499				
CHECKED BY:					
Administrative Assistant:					
Remarks:					
Petroleum Engineer: M. J. Meres Remarks: Regleited filing with s	Petroleum Engineer: M. Mensey 8-3-79, Remarks: Reglected filing with state, almaly dulling				
Director:					
Remarks:					
INCLUDE WITHIN APPROVAL LETTER:					
Bond Required: //	Survey Plat Required: //				
Order No.	Surface Casing Change // to				
Rule C-3(c), Topographic exception/convithin a 660' radius of	mpany owns or controls acreage proposed site [				
0.K. Rule C-3 //	O.K. In Unit				
Other:					

/ Letter Written/Approved

## DIVISION OF OIL, GAS AND MINING

## SPUDDING INFORMATION

NAME OF COMPANY: Painte Oil and Ga	s	
WELL NAME: POMCO #5		
SECTION 17 TOWNSHIP 9S	RANGE	COUNTY Duchesne
DRILLING CONTRACTOR T.W.T.		
RIG #		
SPUDDED: DATE July 27, 1979		
TIME		
How rotary		
DRILLING WILL COMMENCE ASAP		
REPORTED BY Connie King		
TELEPHONE # 649-8212		
		. 1
DATE July 27, 1979	SIGNED 241.	of Mande
cc: USGS		





SCOTT M. MATHESON
Governor

GORDON E. HARMSTON

Executive Director,

NATURAL RESOURCES

CLEON B. FEIGHT

Director



STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING 1588 West North Temple Salt Lake City, Utah 84116 (801) 533-5771

August 6, 1979

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE MoINTYRE

Paiute Oil and Mining Corporation 1901 Prospector Square Park City, Utah 84060

Re: P.O.M.C.O. #5
Sec. 17, T. 9S., 17E.,
Duchesne County

Dear Sir:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Geological Engineer HOME: 876-3001 OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30499!

Sincerely,

Oil, Gas and Mining

MICHAEL T. MINDER GEOLOGICAL ENGINEER

M. of Minde



SCOTT M. MATHESON Governor

GORDON E. HARMSTON Executive Director. NATURAL RESOURCES

> **CLEON B. FEIGHT** Director

OIL, GAS, AND MINING BOARD

**CHARLES R. HENDERSON** Chairman

JOHN L. BELL C. RAY JUVELIN **THADIS W. BOX** CONSTANCE K. LUNDBERG EDWARD T. BECK E. STEELE McINTYRE

STATE OF UTAH

**DEPARTMENT OF NATURAL RESOURCES** 

**DIVISION OF OIL, GAS, AND MINING** 1588 West North Temple Salt Lake City, Utah 84116 (801) 533-5771

February 7, 1980

Paiute Oil & Mining Corp. 1901 Prospector Square Park City, Utah 84060

> RE: Well No. POMCO #2 Sec. 18, T. 9S, R. 17E, Duchesne County, Utah Months Due: Sept. 1979- Jan. 1980 Well No. POMCO #5 Sec. 17, T. 9S, R. 17E. Duchesne County, Utah Months Due: Aug. 1979- Jan. 1980

#### Gentlemen:

Our records indicate that you have not filed the monthly drilling report(s) for the month (s) indicated above on the subject well(s).

Rule C-22, General Rules and Regulations and Rules of Pratice and Procedure, requires that said reprots be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notice .... ts on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your promp: attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

DEBBIE REAUREGARD CLERK-TYP1ST

# DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY (FORM 9-329)

(2/76) MB 42-RO 356

# MONTHLY REPORT OF OPERATIONS

Communitization Agreement No Field NameMonument Be	
Unit Name	
Participating Area N/A	
County Duchesne	State <u>Utah</u>
Operator Paiute Oil & Mining	Corporation
Amended Pennst	

The following is a correct report of operations and production (including status of all unplugged wells) for the most November, 19	
of two vertices and the second	mont

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C, 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & % of %	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
#5	17	98	17E	Run Pip	e None	None	None		Waiting on Completion
				-					
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					,		,		TELL

\*If none, so state.

FFB 2 5 1980

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

		DIVISION OF		
	Oil & Condensate	Gas OIL, GA	& MININMater	
	(BBLS)	(MCF)	(BBLS)	
*On hand, Start of Month	None	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxx	
*Produced	None	•		
*Sold	None		XXXXXXXXXXXXXXX	
*Spilled or Lost	None	xxxxxxxxxxxxxxx	xxxxxxxxxxxxx	
*Flared or Vented	XXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXX	
*Used on Lease	None		<u>XXXXXXXXXXXXXXX</u>	
*Injected	None			
*Surface Pits	XXXXXXXXXXXXXXXX	- <u>xxxxxxxxxxxxxxx</u>		
*Other (Identify)	None			
On hand, End of Month	None	xxxxxxxxxxxxxxx	XXXXXXXXXXXXXXX	
*API Gravity/BTU Content	None		XXXXXXXXXXXXXXX	
Authorized Signature:	by Ck_ Address:_	P. O. Box 1329 P	ark City, Uth 84060	
Title: President	<u> </u>	Page of _		

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MONTHLY	/ REPO	ORT				Painte Oil		
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llowing is a	corre	t repo	n of opera	tions and	production (in	cluding status	s of all unplugged	wells) for the mont
tober	,	, 19_			Fr for	Y		
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ort is required i	by law (3 nt of liqu	0 U.S.C, idated d	189, 30 U.S.C amages (30 C	. 359, 25 U.S FR 221.54 (	S.C. 396 d), regulate (j)), shutting down c	on (30 CFR 221.6 operations, or bas	50), and the terms of th iis for recommandation	e lease. Failure to report ca to cancel the lease and fo
ond (30 CFR	221.53).					• • •	<u>.</u>	
Sec. &	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	· •MCF of Gas	*Barrels of Water	Remarks
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SITION O	F PROI	DUCTI		-		Communiti	zed Area basis)	
				•		sate	Gas	Water
					(BBLS)		(MCF)	(BBLS)
ิ. and. Start	of Mo	nth		. · .	None ·	xxxx	xxxxxxxxxxx	xxxxxxxxxxxxx
•					None			•
			• •	<b>5</b>	None	·		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ed or Lost			. •		None	xxxx	xxxxxxxxxx	xxxxxxxxxxxxxxx
				, 2	xxxxxxxxxxx	xxxx		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
i on Lease	<u>.</u>	-		•	None			XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ted				-	None	<del></del>		
ece Pits					xxxxxxxxxxxx	xxxx xxxx	xxxxxxxxxxx	
r (Identify	)			-	None			
-					None	XXXX	xxxxxxxxxxx	XXXXXXXXXXXXXXXX
•		~~ /	11/1	٠		~	Des 1200 D	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
orized Sign	nature:	$\frac{\lambda J}{J}$	President		Addre	ss: <u>P. U.</u>	box 1329 Par	k City, Ut. 8406
	MONTHLY OPERA Illowing is a stober out is required the assessment cond (30 CFR Sec. & Work  17  17  17  17  Control of the assessment cond (30 CFR) Sec. & Work  I on Lease the condition of the	MONTHLY REPO OF OPERATIONS Illowing is a correction of is required by law (3 the assessment of liquition (30 CFR 221.53).  Sec. & TWP  17 9S  OSITION OF PROPOSE  and, Start of Monuced  and or Lost of or Vented in Lease ited in	MONTHLY REPORT OF OPERATIONS  Illowing is a correct report tober, 19— ort is required by law (30 U.S.C., the assessment of liquidated dond (30 CFR 221.53).  Sec. & TWP RNG  17 9S 17E  and, Start of Month uced  and or Lost of or Vented I on Lease ted occe Pits or (Identify) and, End of Month Gravity/BTU Contents or (Identify) and (Identify) and (Identify) and (Identify) and (Identify) are (Identify) and (Identify) and (Identify) are (	(FORM 9-329) (2/76) OMB 42-RO 356  MONTHLY REPORT OF OPERATIONS  Illowing is a correct report of operation of the stocker of the sessessment of liquidated damages (30 Coord (30 CFR 221.53).  Sec. & TWP RNG Well Status  17 9S 17E Run Pipe  Piff Sition OF PRODUCTION (Lease of the dor Lost of the dor Vented on Lease the dor Vented on Lease the dor Cepits or (Identify) and, End of Month Gravity/BTU Content?  Orized Signature:	(FORM 9-329) (2/76)  OMB 42-RO 356  MONTHLY REPORT OF OPERATIONS  Clicober 19 79  (See Reverse of its required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S. and (30 CFR 221.54)  Sec. & TWP RNG Well Days Prod.  17 9S 17E Rum Pipe None  *If none, so ostition of the production of the	Come   County   District   Dis	Common   C	Unit Name   POMOO #5

Title: \_\_

· .	UNITE	STAT	ES			Lease No	_U-7978		
			RVEY	RIOR				l '	
			0 D.T			County	Duchesne	State	Utah
	MONTH	Y REP OF	ORI .	•		-		ining Corporat	
		ATION	S			☐ Amended R	leport	•	
	ollowing is August			79			_	of all unplugged w	ells) for the month
	i			(	See Reve	erse of Form for	Instructions)		
result in		ent of liq	uidated d					, and the terms of the le for recommendation to	
Well No.	Sec. & 4 of 4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
	E .	ŧ	i I		i .	1		1	

Well No.	Sec. & 4 of 4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
#5	17	98	17E	Run Pipe	None	None	None	·	Run Pipe @ 5320 Waiting on Completion
		•.				÷.			:
	·		٠.						
:					·				
						•	T	BCEILA	<b>E</b> []
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								DIVISION OF	ING
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\*If none, so state.

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	<u>None</u>	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx
*Produced	None		
•Sold	None		XXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXX	xxxxxxxxxxxxx
*Flared or Vented	XXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXX
*Used on Lease	None		XXXXXXXXXXXXXXX
*Injected	None		
Surface Pits	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	
Other (Identify)	None		
On hand, End of Month	None	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX
API Gravity/BTU Content	None		XXXXXXXXXXXXXXXX
Authorized Signature: X I finder t	ly ck Address:_	P.O. Box 1329 Pa	rk City. Ut. 84060
Title: President		Page of	

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY (FORM 9-329) (2/76) OMB 42-RO 356

MONTHLY REPORT
OF

Lease No	U-7978		
Communitiza	ation Agreeme		
Field Name	Monumen Bur P.O.M.C.O.	tte	
Unit Name _	P.O.M.C.O. #	<del>/</del> 5	
<b>Participating</b>	Area N/A		
County	Duchesne	State _	Utah
	Paiute Oil & Mini		
	Deport		

	OPERATIONS	•		☐ Amended	Report					
The	following is a correct	t report of	operations a	and production	(including	status of	all unplugged	wells)	for the	e mont!
٠.	T11777	10 79								

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C, 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report carresult in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & % of %	ТWР	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
#5	17	9S	17E	Drillin	g None	None	None	None	Spudded
									Drilling at 29 Ft. Do
	-	İ							
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								शिला	CEIVED
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									B 2 5 1980
					,			1	B 2 1200
	ı		1						DIVISION OF

\*If none, so state.

OIL, GAS & MINING

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	None	xxxxxxxxxxxxxxx	xxxxxxxxxxxxx
*Produced	None		
*Sold	None		XXXXXXXXXXXXXXXX
*Spilled or Lost	None	xxxxxxxxxxxxxx	XXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXX
*Used on Lease	None		XXXXXXXXXXXXXXX
*Injected	None		
*Surface Pits	xxxxxxxxxxxxxx	XXXXXXXXXXXXXXXX	
*Other (Identify)	None		
*On hand, End of Month	None	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None		XXXXXXXXXXXXXXX
Authorized Signature: 129 Dolle	Address:	7/x 1329 Park C	to 11+01 84060
Title: Tresident - Painte Cil + Min	ing (Ers).	Page of	

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 8-329 Rev. Feb 76 OMB 42-R0356

> **MONTHLY REPORT** OF **OPERATIONS**

Lease No.	U-7978			
Communit	ization Agreement No.  Monum	THE PLANT	· · · · · · · · · · · · · · · · · · ·	
		ent Butte		
Unit Name	•			
Participati	ng Area N/A Duchesne		<del>- ,,, ,</del>	
County	Duchesne	State	Utan	
Operator_	Duchesne Paiute Oil & Mi	ning Corporat	ion	

□ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of January , 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfait the bond (30 CFR 221.53).

Well No.	Sec. & 14 of 14	TWP	RNG	Well _Status	Days Prod.	*Barrets of Oil	*MCF of Gas	"Berrels of Water	Remarks
#5	17	9S	17E	Testing	None	None	None	·	Testing.
	,								
								<b>5</b> 0 m -	
								REC	BIVEN
								FEB	2 5 1980
								DIV	S & MINING

	Oil & Condensate (BBLS)	state. OIL oa, or Communitized Gas (MCF)	Water (BBLS)
on hand, Start of Month	None	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	300000000000000000000000000000000000000
roduced	None		
Sold	None		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
pilled or Lost	None	XXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXX
lared or Vented	XXXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXX
ised on Lease	None		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
injected	None		
urface Pits	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	30000000000000000000000000000000000000	
ther (Identify)	None		
n hand. End of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX
API Gravity/BTU Content	None		XXXXXXXXXXXXXXXXX
uthorised Signature:	Disider by	Address: P.O.Box	1329 Park City, Ut.
	rck		84060
itle: President	J. C.R.	- Page	84060 of

•	UNITE					Lease No	U-7	7978		
	RTMENT					Communitizat	ion A	greem	No	
G	SEOLOGIC	CAL SU M 9-329)				Field Name	Mc	onumen	Butte	
		(76)				Unit Name				
	ОМВ	42-RO	356		,	Participating /	Area _	·	N/A	
	MONTH	V DED	OPT				Duche			tate Utah
		OF	OKI			Operator	Paiut	e Oil &	Mining Cor	poration
		ATION	S			☐ Amended R				
The fo			ct repe	ort of opera	ations an		-		of all unplugge	ed wells) for the mo
01 1700	<u> </u>		_, 19_		Sée Rev	erse of Form for	Incte	iotiono)		
- This repo	ort is required	by law (:	30 U.S.C	, 189, 30 U.S.C	. 359. 25 I	U.S.C. 396 d), regulat	tion (30	CER 221 601	, and the terms of	the lease. Failure to report
result in	the assessmoond (30 CFF	ent of liq	niostec (	damages (30 (	CFR 221.5	4 (j)), shutting down	Operation	ons, or basis	for recommendati	on to cancel the lease and
Well No.	Sec. & % of %	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	,	*MCF of Gas	*Barreis of Water	Remarks
#5	17	98	17E	Testing	None	None		None		Waiting on
		İ								Completion
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									DI	VISION OF
				*lf i	none, so	state.			OIL, G	AS & MINING
ISPOS	SITION OF	PROD	UCTI	ON (Lease	, Partici	ipating Area, o	r Com	munitize	d Area basis)	······································
	***************************************					Oil & Condens		<del> </del>	C	
			•			(BBLS)	sale		Gas MCF)	Water
								\	MICF)	(BBLS)
	nd, Start	of Mor	nth		-	None None		XXXXXX	<u> </u>	XXXXXXXXXXXXXX
Produ	ced					None				
Sold										XXXXXXXXXXXXXX
•	or Lost				•	<u>None</u>		XXXXXX	(XXXXXXXXXX	XXXXXXXXXXXXXXX
	or Vente					None	XXXX			XXXXXXXXXXXXXXX
	on Lease					None				XXXXXXXXXXXXXXX
njecte						None				
	e Pits					Mono	XXXX	XXXXXX	XXXXXXXXX	<del></del>
	(Identify)	c	L			None				-
	nd, End o			1 2		None None		XXXXXX	xxxxxxxxx	XXXXXXXXXXXXXXXXX
				, ,		INCAN (A				XXXXXXXXXXXXXXXX
API Gr	avity/BTI zed Signa		ent	1 Kind	111	C Ł Addre		707	1000 D	k City, Ut. 84

	UNITED	STATI	<b>ES</b>			ase No			<u>, , , , , , , , , , , , , , , , , , , </u>
EPAR	TMENT (	F THE	INTE	RIOR	Co	mmunitizati	on Agreeme		
G	EOLOGIC		RVEY		Fie	eld Name	Monument	te	
		1 9-329) /76)		_		it Name			
	OMB 'E	42-RO 3	356				rea <u>N/A</u>		
	<del></del>	<del></del>			Co	untyD	uchesne	St	ate <u>Utah</u>
	MONTHL		DRT		00	erator 'Pa	iute Oil & M	ining Corpo	ration
		OF				Amended Ro			
		ATION!		_				C -111	
he fo	llowing is	a corre	ct repo	ort of operat	ions and p	production (in	cluding status of	all unplugged	d wells) for the mo
	vember		., 19_		as Davisso	e of Form for	Instructions		
									to the second second second second second second second second second second second second second second second
his repo	ort is required	by iaw (3	ideted d	189, 30 U.S.C.	.359, 25 U.S.( FR 221.54 (i)	C. 396 d), regulati ). shutting down (	on (30 CFR 221.60), operations, or basis f	and the terms of ti or recommendatio	he lease. Failure to report n to cancel the lease and
it the t	ond (30 CFF	221.53)						·	
Well No.	Sec. & % of %	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
5	17	9S	17E	Run Pip	e None	None	None		Waiting on Completion
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		1					,		

\*If none, so state.

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	None	xxxxxxxxxxxxx	xxxxxxxxxxxxxx
*Produced	None	•	
*Sold	None		XXXXXXXXXXXXXXX
*Spilled or Lost	None	xxxxxxxxxxxxxx	XXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXX
*Used on Lease	None		XXXXXXXXXXXXXXX
*Injected	None		
*Surface Pits	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	
Other (Identify)	None		
On hand, End of Month	None	<u>xxxxxxxxxxxxxxxxx</u>	XXXXXXXXXXXXXXX
*API Gravity/BTU Content 🏒 🎁 🗀	None	1000 P	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Authorized Signature:			rk City, Uth 84060
Title: Preside	nt	Page of	· · · · · · · · · · · · · · · · · · ·

### DEPARTMENT OF NATURAL RESOURCES



DIVIS	ION OF OIL, GAS, AND MIN	ling	5. LEASE DESIGNATION AND SERIAL NO.
			U-7978
	TICES AND REPORTS Cosals to drill or to deepen or plug be CATION FOR PERMIT—" for such pro		6. IF INDIAN, ALLOTTEB OR TRIBE NAME
OIL GAS WELL OTHER			7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR			8. FARM OR LEASE NAME
Paiute Oil & Mining	g Corporation		P.O.M.C.O.
	D 1 014 1	TT 0.4000	
1901 Prospector Sc 4. Location of well (Report location See also space 17 below.)	uare, Park City, Uclearly and in accordance with any 8	State requirements.	#5 10. FIELD AND POOL, OR WILDCAT
At surface			Wildcat 11. SEC., T., R., M., OR BLK. AND
660' FWL - 1980' F	FSL Sec. 17, T9S, I	R17E, S.L.B.&M.	Sec. 17 T9S, R17E,
14. PERMIT NO.	15. BLEVATIONS (Show whether DF,	RT, GR, etc.)	S.L.B.&M. 12. COUNTY OR PARISH 18. STATE
	5417'		Duchesne Utah
16. Check A	ppropriate Box To Indicate No	ature of Notice. Report, or C	Other Data
NOTICE OF INTE			ENT REPORT OF:
	PULL OR ALTER CASING		REPAIRING WELL
TEST WATER SHUT-OFF FRACTURE TREAT	MULTIPLE COMPLETE	WATER SHUT-OFF FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other)	
(Other)		(Note: Report results Completion or Recomple	of multiple completion on Well etion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OP proposed work. If well is directinent to this work.) *	ERATIONS (Clearly State all pertinent ionally drilled, give subsurface location	details, and give pertinent dates, ons and measured and true vertica	including estimated date of starting any l depths for all markers and zones perti-
Testing			
-			
			1212 CEILVISIN
			4311
			MAR 5 1980
			MAR 5 1980
			DIVISION OF
			OIL, GAS & MINING
18. I hereby ceptify that the foregoing	is true and correct		
( Barrier X	- · · · · · · · · · · · · · · · · · · ·	man The	DATE 3/3/80
SIGNED CAMALLE /	tricy TITLE / e	presenten	DATE 3/3/00
(This space for Federal or State of	lce use)		
APPROVED BY	ANY:		DATE

Form 9-331 (May 1963)

### UNITED STATES SUBMIT IN TRIPLICATE\* (Other instructions on recommendation of the INTERIOR verse side) Form approved. Budget Bureau No. 42-R1424. 5. Lease designation and serial no.

	GEOLOGICAL SURVEY		บ 7978
SUNDRY NO	TICES AND REPORTS  osals to drill or to deepen or plug CATION FOR PERMIT—" for such p	ON WELLS back to a different reservoir.	6. IF INDIAN, ALLOTTER OR TRIBE NAME
OV 577 045 177	DATION FOR PERMIT— 101 Such p	) operation	7. UNIT AGREEMENT NAME
WE'LL A WELL OTHER			8. FARM OR LEASE NAME
Paiute Oil & Mining C	Corporation		P.O.M.C.O.
ADDRESS OF OPERATOR			9. WELL NO.
1901 Prospector Squar	e, Park City, UT 840	060	<i>#</i> 5
LOCATION OF WELL (Report location See also space 17 below.)	clearly and in accordance with any	State requirements.*	10. FIELD AND POOL, OR WILDCAT  Monument Butte
660' FWL - 1980' FSL			11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec. 17, TOS, R17E. S.L.B.&M. 12. COUNTY OR PARISH 13. STATE
4. PERMIT NO.	15. ELEVATIONS (Show whether D	F, RT, GR, etc.)	Duchesne Utah
3. Check A	Appropriate Box To Indicate I	Nature of Notice, Report, or C	Other Data
NOTICE OF INTE	ENTION TO:	SUBSEQU	UENT REPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
		SHOOTING OR ACIDIZING	ABANDONMENT*
SHOOT OR ACIDIZE	ABANDON*		
REPAIR WELL (Other)	CHANGE PLANS	(Other)(NorE: Report results Completion or Recomp	of multiple completion on Well letion Report and Log form.) including estimated date of starting an all depths for all markers and zones perti
REPAIR WELL  (Other)  DESCRIBE PROPOSED OR COMPLETED OF proposed work. If well is direct	CHANGE PLANS	(Other)(NorE: Report results Completion or Recomp	including estimated date of starting an
REPAIR WELL  (Other)  7. DESCRIBE PROPOSED OR COMPLETED OF proposed work. If well is direct nent to this work.)*  Testing.	PERATIONS (Clearly state all pertine tionally drilled, give subsurface locally drilled, give subsur	(Other)(NorE: Report results Completion or Recomp	Including estimated date of starting an all depths for all markers and zones pertial depths for all depths for all depths for all depths for all depths for all depths for all depths for all depths for
(Other)  7. DESCRIBE PROPOSED OR COMPLETED OF proposed work. If well is direct nent to this work.) *	PERATIONS (Clearly state all pertine tionally drilled, give subsurface locally drilled, give subsur	(Other)(NorE: Report results Completion or Recomp	Including estimated date of starting an all depths for all markers and zones pertial depths for all dept

TITLE

DATE \_

#### UNATED STATES SUBMIT IN TRIES.ATE\* DEPARTMENT OF THE INTERIOR (Other instructions on reverse side) ED STATES GEOLOGICAL SURVEY

Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.

ŢŢ	7978
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	6.	IF IND	IAN.	ALLOTTEE	OR TRI	E NAME
SUNDRY NOTICES AND REPORTS ON WELLS	ļ.		•			
Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.	1					
DO HOU USE THIS "A PRI ICATION FOR PERMIT—" for such proposals )	i					

	Use "APPLICAT	ION FOR PERMIT—" for such proposals.)	
1.	OIL GAS THER		7. UNIT AGREEMENT NAME
2.	NAME OF OPERATOR  Paiute Oil & Mining Cor	poration	8. FARM OR LEASE NAME P.O.M.C.O.
3.	ADDRESS OF OPERATOR  1901 Prospector Square,		9. WELL NO.
4.		arly and in accordance with any State requirements.	10. FIELD AND POOL, OR WILDCAT  Monument Butte
	660' FWL - 1980' FSL Se	ction 17, TOS, R17E, S.L.B.&M.	Sec. 17, TOS, R17E. S.L.B.&M.
14.	PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5417	12. COUNTY OR PARISH 13. STATE Duchesne Utah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTE	CE OF	INTENTION TO:	SUBSEQUEN	T REPORT OF:		
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF	REPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT	ALTERING CASING	
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING	ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)		
(Other)			xx		multiple completion on Well	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Testing



8. I hereby certify that the foregoing is true and correct SIGNED Could be supported to the support of the supp	TITLE Kypt soul, live	(February) 1980
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

Form 9-331

SUBMIT IN TRIPL

Form approved.

	neck Appropriate Box To Indicate Nature of Notice, Report, of Intention to:	, or Other Data UBSEQUENT REPORT OF:
	5417'	Duchesne Utah
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	S.L.B.EM. 12. COUNTY OR PARISH 13. STATE
660' FWL - 1980'	FSL Section 17, T9S, R17E, S.L.B.&M.	Sec. 17 TOS, R17E
4. LOCATION OF WELL (Report I See also space 17 below.) At surface	ocation clearly and in accordance with any State requirements.*	10. FIELD AND POOL, OR WILDCAT Monument Butte
1901 Prospector S	Square, Park City, Utah 84060	<i>‡</i> 15
Paiute Oil & Mini	ris corboration	9. WELL NO.
2. NAME OF OPERATOR	na Corporation	P.O.M.C.O.
	OTHER	8. FARM OR LEASE NAME
(Do not use this form form the Use "	NOTICES AND REPORTS ON WELLS or proposals to drill or to deepen or plug back to a different reservoir.  APPLICATION FOR PERMIT—" for such proposals.)	7. UNIT AGREEMENT NAME
	GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
DEF	PARTMENT OF THE INTERIOR verse side)	5. LEASE DESIGNATION AND SERIAL NO.
(May 1963)	Oldi LD STATES (Other instructions of	Budget Bureau No. 42-R1424.

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL	ICE OF	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS		WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other)	REPAI ALTEF ABANI	RING WELL RING CASING DONMENT®	
(Other)			$\mathbf{X}$	(Note: Report resul Completion or Recon	its of multiple comp apletion Report and l	Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Spudded 7/27/79. Drilling at 29' depth



		DIVISION OF O(U, G) & MINING
18. I hereby certify that the foregoing is true and correct	"	O(D'(TE))
SIGNED CORRECT King	TITLE Kignered to	DATE
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

Form 9-331 (May 1963)

(Other)

### ED STATES

SUBMIT IN TRIPLICATES (Other instructions on re-

Form approved. Budget Bureau No. 42-R1424.

	DEPART	KIUK verse side)	U 7978		
(Do	SUNDRY NOT not use this form for propos	6. IF INDIAN, ALLOTTEE	; OR TRIBE NAME		
OIL WE'LL	X GAS X OTHER			7. UNIT AGREEMENT NA	ME
2. NAME OF	OPERATOR	8. FARM OR LEASE NAM	i E		
Paiut	e Oil & Mining Co	P.O.M.C.O.			
	OF OPERATOR	9. WELL NO.			
1901	Prospector Square	<i>‡</i> +5			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*  See also space 17 below.)  At surface				Monument Butte	
660 F	WL' - 1980' FSL S	ection 17, T9S, R1	7E, S.L.B.&M.	Sec. 17 TOS, S.L.B.&M.	
14. PERMIT	NO.	15. ELEVATIONS (Show whether	DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
		5417		Duchesne	litah
16.	Check Ap	ppropriate Box To Indicate	Nature of Notice, Report, or (	Other Data	
	NOTICE OF INTEN	TION TO:	SUBSEQ	UENT REPORT OF:	
		PULL OR ALTER CASING MULTIPLE COMPLETE	WATER SHUT-OFF FRACTURE TREATMENT	REPAIRING W	
<b>SHOOT</b>	OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMEN	T*
REPAIR	WELL	CHANGE PLANS	(Other)		

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Run pipe at 5,320'. Waiting on completion.



18. I hereby certify that the foregoing is true and correct	1 7	(August)
SIGNED Crime Ling	TITLE Refresentation	DATE
(This space for Federal or State office use)		
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

Form 9-331 (May 1963)

#### UN. ED STATES DEPARTMENT OF THE INTERIOR (Other instructions on reverse side) GEOLOGICAL SURVEY

Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.

U 7978

CHIMIDDA	NOTICES	AND	<b>REPORTS</b>	ON	WELLS
SUNDKI	NOTICE2	ANU	KEPUK 13	CIN	WELL2

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Use "A.	PPLICATION FOR PERMIT— for such proposais.)					
OIL XX GAS OT	HER	7. UNIT AGREEMENT	NAME			
2. NAME OF OPERATOR		8. FARM OR LEASE N.	AME			
Paiute Oil & Minin	Paiute Oil & Mining Corporation					
3. ADDRESS OF OPERATOR		9. WELL NO.				
1901 Prospector Sq	uare, Park City, UT 84060	<i>‡</i> 5				
4. LOCATION OF WELL (Report loc See also space 17 below.) At surface	ation clearly and in accordance with any State requirements.*	10. FIELD AND POOL,  Monument B				
660' FWL - 1980' F	SL Section 17, T9S, R17E, S.L.B.&M.	Sec. 17, T. S.L.B.&M.	BLK. AND			
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARIS	H 13. STATE			
	5417 .	Dubhesne	Utah			
16. CL -	J. A	as Oshar Data				

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:					
TEST WATER SHUT-OFF	_	PULL OR ALTER CASING		]	WATER SHUT-OFF		REPAIRING WELL
FRACTURE TREAT		MULTIPLE COMPLETE	ļ	_[	FRACTURE TREATMENT	!	ALTERING CASING
SHOOT OR ACIDIZE		ABANDON*	ļ	_	SHOOTING OR ACIDIZING		ABANDONMENT*
REPAIR WELL	<u></u>	CHANGE PLANS		_	(Other)		
(Other)			X	]	(NOTE: Report resu Completion or Recor	ılts o mple	of multiple completion on Well tion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Run pipe at 5320'. Waiting on completion



18. I hereby certify that the foregoing is true and correct		(September)
SIGNED Comments King	TITLE Segre teting	DATE
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

Form approved.

DEPARTM	ENT OF THE INTERIOR	OR (Other Instructions on reverse side)	5. LEASE DESIGNATION	AND SERIAL NO.
	EOLOGICAL SURVEY  CES AND REPORTS C  ls to drill or to deepen or plug be CION FOR PERMIT—" for such pr	ON WELLS ack to a different reservoir. oposais.)	6. IF INDIAN, ALLOTTE	
OIL X GAS X OTHER			7. UNIT AGREEMENT NA	
NAME OF OPERATOR		· ·	8. FARM OR LEASE NAM	4 E
Paiute Oil & Mining Cor	poration	•	P.O.M.C.O.	
ADDRESS OF OPERATOR			9. WELL NO.	
1901 Prospector Square,	Park City, UT 8406	60	<i>‡</i> 5	
LOCATION OF WELL (Report location cle	arly and in accordance with any	State requirements.*	10. FIELD AND POOL, O	R WILDCAT
See also space 17 below.) At surface			Monument Bu	itte
660 FWL - 1980' FSL Sec	tion 17, T9S, R17E,	S.L.B.&M.	11. SEC., T., R., M., OR BLK. AND	
(00) TWE 1,000 TEE 500	,,	;	Sec. 17, To	S. R17E.
			S.L.B.&M.	-,,
III DEDUVE VO	15. ELEVATIONS (Show whether DF,	RT GR etc.)	12. COUNTY OR PARISH	1 13. STATE
14. PERMIT NO.	5417	11, 01, 000,	Duchesne	Utah
	3417		Buchesite	1 Carr
6. Check Apr	propriate Box To Indicate N	ature of Notice, Report, or C	)ther Data	
NOTICE OF INTENT	•		ENT REPORT OF:	
NOTICE OF INTERAL			٦	
TEST WATER SHUT-OFF PU	ULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING V	WELL
FRACTURE TREAT M	ULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING C	ASING
SHOOT OR ACIDIZE	BANDON*	SHOOTING OR ACIDIZING	ABANDONME	NT*
REPAIR WELL CI	HANGE PLANS	(Other)	4	
(Other)	X	Completion or Recomple	of multiple completion etion Report and Log for	rm.)
<ol> <li>DESCRIBE PROPOSED OR COMPLETED OPER proposed work. If well is direction nent to this work.) *</li> </ol>	ATIONS (Clearly state all pertinent ally drilled, give subsurface locat	t details, and give pertinent dates, ions and measured and true vertica	including estimated dat 1 depths for all marker	e of starting any s and zones perti-
Waiting on completion.				,



SIGNED CVILLE True and correct	TITLE Representative	(October)
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

Form 9-331 (May 1963)

16.

#### UNITED STATES DEPARTMENT OF THE INTERIOR (Other instructions on re-

5417

GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE.

Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.

Utah

U 7978

Duchesne

			6. IF INDIAN, ALI
SUNDRY NOTICES AND	REPORTS O	N WELLS	

SUNDRY NO (Do not use this form for prouse "APPL"	OTICES AND REPORTS ON WELLS  Oposals to drill or to deepen or plug back to a different reservoir.  ICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. OIL GAS WELL X OTHER		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR		8. FARM OR LEASE NAME
Paiute Oil & Mining	Corporation	P.O.M.C.O.
3. ADDRESS OF OPERATOR		9. WELL NO.
1901 Prospector Squa	re, Park City, UT 84060	<i>‡</i> 5
4. LOCATION OF WELL (Report location See also space 17 below.) At surface	n clearly and in accordance with any State requirements.*	Monument Butte
<b>%</b> 660' FWL - 1980' FSI	Section 17, T9S, R17E, S.L.B.&M.	Sec. 17, TOS, R17E. S.L.B.&M.
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:					
TEST WATER SHUT-OFF		PULL OR ALTER CASING			WATER SHUT-OFF	REPAIRING WELL	-
FRACTURE TREAT		MULTIPLE COMPLETE	<u> </u>		FRACTURE TREATMENT	ALTERING CASING	_
SHOOT OR ACIDIZE		ABANDON*			SHOOTING OR ACIDIZING	ABANDONMENT* -	_
REPAIR WELL		CHANGE PLANS			(Other) Poport results of mi	ultinia completion on Well	_
(Other)			X	j	(Note: Report results of my Completion or Recompletion	Report and Log form.)	_

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Waiting on completion.



		OIL, CITE
18. I hereby certify that the foregoing is true and correct	12	(November)
SIGNED Cruice Ling	TITLE Representative	DATE
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

Form 9-331 (May 1963)

16.

#### **YED STATES** DEPARTMENT OF THE INTERIOR (Other instructions on verse side) GEOLOGICAL SURVEY

5417

SUBMIT IN TRIPLICATE

Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Utah

U 7978

Duchesne

SUNDRY	<b>NOTICES</b>	AND	REPORTS	ON /	WELLS	
use this form fo	r proposals to	drill or to	deepen or plug	back to	a different :	reservoi

(Do not Use "APPLICATION FOR PERMIT-" for such proposals.) 7. UNIT AGREEMENT NAME OIL X  $\mathbf{x}$ 8. FARM OR LEASE NAME NAME OF OPERATOR P.O.M.C.O. Paiute Oil & Mining Corporation WELL NO. 3. ADDRESS OF OPERATOR 1901 Prospector Square, Park City, UT LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) 10. FIELD AND POOL, OR WILDCAT Monument Butte At surface 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 660' FWL - 1980' FSL Section 17, T9S, R17E, S.L.B.&M. Sec. 17, T9S, R17E. S.L.B.12. COUNTY OR PARISH 13. STATE 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 14. PERMIT NO.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOT	ICE O	F INTENTION TO:		SUBS	BEQUE	NT REPORT OF:
TEST WATER SHUT-OFF		PULL OR ALTER CASING MULTIPLE COMPLETE		WATER SHUT-OFF FRACTURE TREATMENT		REPAIRING WELL ALTERING CASING
SHOOT OR ACIDIZE		ABANDON*	<u> </u>	SHOOTING OR ACIDIZING		ABANDONMENT*
REPAIR WELL (Other)		CHANGE PLANS	X	(Other)(Note: Report resu	ults o	of multiple completion on Well tion Report and Log form.)
(Other)				 Completion of Reco	шріс	tion report and sog form.)

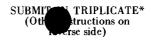
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Waiting on completion.



18. I hereby certify that the foregoing is true and correct		(December)
SIGNED CTURE Tring	TITLE Registered to	DATE
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

### DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING



DIVIS	IINING	5. LEASE DESIGNATION AND SERIAL NO.	
	U 7978		
SUNDRY NOT (Do not use this form for prope Use "APPLIC	6. IF INDIAN, ALLOTTES OR TRIBE NAME		
1. OIL GAS WELL X OTHER			7. UNIT AGREEMENT NAME
WELL A WELL A OTHER  2. NAME OF OPERATOR			8. FARM OR LEASE NAME
Paiute Oil & Minin	g Corporation		P.O.M.C.O.
8. ADDRESS OF OPERATOR			9. WELL NO.
1901 Prospector Sq			#5
4. LOCATION OF WELL (Report location See also space 17 below.) At surface	learly and in accordance with an	y State requirements.*	Wildcat
660' FWL - 1980' F	SL Sec. 17, T9S,	R17E, S.L.B.&M.	11. BBC, T., B., M., OR BLK. AND SURVEY OR ARBA  Sec. 17, T9S, R17F S.L.B.&M.
14. PERMIT NO.	15. ELEVATIONS (Show whether i	DF, RT, GR, etc.)	12. COUNTY OR PARISH 18. STATE
	5417'		Duchesne Utah
16. Check A	ppropriate Box To Indicate	Nature of Notice, Report, or	<del></del>
NOTICE OF INTER	TION TO:	SUBSE	QUENT REPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other) Report result	ts of multiple completion on Well
(Other)	X	Completion or Recom	pletion Report and Log form.) s, including estimated date of starting any
			ECISIVED APR 1 0 1980
18. I hereby certify that the foregoing i	by CK_ TITLE	O President	DIVISION OF IL, GAS & MINING  DATE 4/7/80
(This space for Federal or State on			
APPROVED BY	TITLE ANY:		DATE

Form 9-331 (May 1963)

### UNITED STATES

SUBMIT IN TRIPLICATES (Other instructions on re-

WATER SHUT-OFF

Form approved. Budget Bureau No. 42-R1424.

DEPARIMENT OF THE INTERIOR verse side)  GEOLOGICAL SURVEY	U 7978
SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TEIBE NAME
ī.	7. UNIT AGREEMENT NAME
OIL GAS WELL X OTHER	
2. NAME OF OPERATOR	8. FARM OR LEASE NAME
Paiute Oil & Mining Corporation	POMCO
3. ADDRESS OF OPERATOR	9. WELL NO.
1901 Prospector Square, Park City, Utah 84060	#5
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface	Wildcat
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
	Sec. 17, T9S, R17E
660' FWL - 1980' FSL Sec. 17, T9S, R17E, S.L.B.&M.	S.L.B.&M.
14. PERMIT NO.   15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
5417'	Duchesne Utah
16. Check Appropriate Box To Indicate Nature of Notice, Report, or C	Other Data
NOTICE OF INTENTION TO:	UENT REPORT OF:

PULL OR ALTER CASING TEST WATER SHUT-OFF ALTERING CASING FRACTURE TREATMENT MULTIPLE COMPLETE FRACTURE TREAT SHOOTING OR ACIDIZING ABANDONMENT\* ABANDON\* SHOOT OR ACIDIZE (Other) CHANGE PLANS REPAIR WELL (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Waiting on completion

(Other)



REPAIRING WELL

	DIVISION OF
18. I hereby certify that the foregoing is true and correction of the signed of the signed Representative	OIL, GAS & MINING DATE 5/7/80
(This space for Federal or State office use)	
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:	DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Rev. Feb 76 Form 8-329 OMB 42-R0356

> **MONTHLY REPORT** OF **OPERATIONS**

Title: Representative

•	Lease No. U 7978
	Communitization Agreement No
	Unit Name
	Participating Area N/A County Duchesne State Utah
	Operator Paiute Oil & Mining Corporation

Page 1 of 1

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of  $\underline{\mathtt{April}}$ , 19  $\underline{\mathtt{80}}$ 

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), abutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Wed No.	Sec. 8 H of H	TWP	RNG	Well _Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Berrels of Water	Remarks
#5	17	98	17E		None	None	None	None	Waiting on completion

\*If none, so state.

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)	
On hand, Start of Month	None	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
Produced	None	None	None	
*rrpauceu *Sold	None	None	XXXXXXXXXXXXXXXXXXX	
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXX	
*Flared or Vented	XXXXXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXX	
*Itared or Venteu	None	None	XXXXXXXXXXXXXXXXXXXXXX	
	None	None	None	
*Injected	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX	None	
*Surface Pits	None	None	None	
*Other (Identify)	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	
#On hand, End of Month #API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXX	
Authorised Signature:	ounce O. Tim	Address:P.O.Box 1:	329, Park City, U' 84060	

### STOP OF UTAH DEPARTMENT NATURAL RESOURCES DIVISION OF OUR GAS AND MINING

SUBMIT	1N	TRIPLICATE*
(Other	7	tructions on
re	r(	side)

יום	VISION OF OIL, GAS, AND N	AINING	5. LEASE DESIGNATION A	ND BERIAL NO.
			บ 7978	
(Do not use this form for p	OTICES AND REPORTS proposals to drill or to deepen or plus PLICATION FOR PERMIT—" for such	r back to a different reservoir.	6. IF INDIAN, ALLOTTER	OR TRIBE NAME
	7. UNIT AGREEMENT NAME			
WELL XX WELL XX OTH	ER		8. FARM OR LEASE NAME	······································
NAME OF OPERATOR	r Componetion			
Paiute Oil & Mining	3 Corporation		POMCO  9. WBLL NO.	
	1070 Dawk City IItah	94060		
	lare, Park City, Utah	84060	#5 10. FIELD AND POOL, OR	WILDCAT
See also space 17 below.) At surface	TO CHELLY AND IN RECOIDENCE WITH A	ij blase legamements	1	
At surrect			Wildcat	E. AND
660' FWL - 1980' FS	SL Sec. 17, T9S, R17E.,	S.L.B.&M.	Sec. 17, T9S,	
PERMIT NO.	15. BLEVATIONS (Show whether	DF RT GR etc.)	S.L.B.&M.	18. STATE
	5417		Duchesne	Utah
Check	Appropriate Box To Indicate	Nature of Notice, Report, or (	Other Data	
NOTICE OF I	TO:	живаво	UENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WE	LL
PRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CAS	ING
SHOOT OR ACIDIZE	ABANDON®	SHOUTING OR ACIDIZING	ABANDONMENT	• 🔲
REPAIR WELL	CHANGE PLANS	(Other)	· · · · · · · · · · · · · · · · · · ·	_
(Other)	X	(Note: Report results	s of multiple completion on eletion Report and Log form	. Well }
		•'	·	
I hereby certify he the foregol	ing is true and cofrece.		JUI	VISION OF

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Rev. Feb 76 Form 8-329 42~R0356 OMB

> MONTHLY REPORT OF **OPERATIONS**

Lease No. <u>U 7978</u>	
Communitization Agreement	NO
Field NameMonument	Butte
Unit Name	
Participating Area N	/A
Participating Area N County Duchesne	State Utah
Operator Paiute Oil &	Mining Corporation

□ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.B.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfait the bond (30 CFR 221.53).

Well No.	Sec. & H of H	TWP	RNG	-Status	Days Prod.	#Barrels of Oil	*MCF of Gas	*Burrels of Water	Remarks
#5	17	9S	. 17E		None	None	None	None	Waiting on completion
								DIEG.	3 1980

\*If none, so state. production (Leans, Participating Area, or Communitized Area basis)

DIRPORTEION DE PEDUCETON (S.	Oil & Condensate (BBLS)	Gas (MCF)	GAS WALLING (BBLS)
#On hand, Start of Month	None	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
*Produced	None	None	None
- <del>- •</del> •	None 1	None	XXXXXXXXXXXXXXXXXX
*Sold *Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXX
*Spilled or Dost *Flared or Vented	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXX
	None	None	XXXXXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	None
*Injected	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	None
*Surface Pits	None	None	None
*Other (Identify)	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX
*On hand, End of Honth  *API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXX
	ourse O. Ting	Address:Box 1329, P	ark City, UT 84060

Authorized Bignature:

Title: Representative

Page 1 of 1

(FORM 9-329) (2/76) OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. <u>U-7978</u>	
Communitization Agreement No.	
Field Name <u>Monument Butte</u>	
Unit Name	
Participating Area N/A	
County Duchesne	State <u>Utah</u>
Operator Paiute Oil & Mining	Corporation
☐ Amended Report	

The following is a correct report of operations and production (including status of all unplugged wells) for the month of <u>March</u>, 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report carresult in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Weli No.	TWP RNG	Sec. & 14 of 14	Well Status	Days Prod.	*Barrels of Oil	•MCF of Gas	*Barrels of Water	Remarks
5	9S 17E	E of SE 7(sec)					8119	Moved in GNB rig & hot oiled well to pull rods & tubing. Pulled rods and tubing & prepared to perforate. Stared in the hole wiperforating gun & lost same. Fisheout gun & rigged to perforate again Current operation Preparing to perforate.

\*If none, so state.

	Oil & Condensate	Gas	Water
	(BBLS)	(MCF)	(BBLS)
*On hand, Start of Month	196.70	XXXXXXXXXXXXXXXX	xxxxxxxxxxxxxxx
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	xxxxxxxxxxxxxx	XXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	196.70	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXX
Authorized Signature Slaude 1	Bard Address: P	0. Box 568 Duche	sne, Utah 84021
Title: Representative		Page of	1

February 1980

Pulled rod string and rigged up BJ to acidize perforations 5117 to 5149. Pumped 3000 gals of 15% HCL acid, 9 gals of C-15 inhibitor, 9 gals of J-22, 18 gals of X-6, 9 gals of G-10 and used 1000# of benzoic flakes for divert. Average pumping rate of 5 BPM at 2500 psi. ISIP 2190, 5 min 1750 and 10 min 1600.

Swabbed acid water to pit. Ran pump and rods, started pump testing.

December 1979

Pump sanded up, pulled pump and rods. Pulled tubing to remove tubing anchor. Ran tubing and circulated out sand to bottom.

Pulled tubing and reran same with tubing anchor, set at 5287.70

T.H.M. Ran pump and rods to pump test.

#### September 1979

Ran temperature survey from surface to 5320°.
Ran cement bond and correlation log.
Perforated the following intervals:

5141 to 5149 3 holes P/FT.

5124 to 5137 3 holes P/FT.

5117 to 5122 3 holes P/FT.

Acidized above perforations with 4000 gals of 15% HCL acid. Displaced acid with 32 bbls of 3% KCL water. Used 100 ball sealers throughout acid. Average pumping rate of 6 BPM at 1800 psi. Formation broke down at 4900 psi. ISIP 1500 psi, 5 min 1500 psi, 10 min 1480 psi and 15 min 1470 psi.

Swabbed back acid.

Rigged up BJ to frac zone 5117 to 5149. Pumped 2500 gals of Terra frac pad, 2500 gals with 1# 10-20 sd, 2500 gals with 2# 10-20 sd, 3500 gals with 3# 10-20 sd, 1000 gals with 3½# 10-20 sd, 2500 gals pad with moth balls, 2500 gals with 1# 10-20 sd, 2500 with 2# 10-20 sd, 3500 gals with 3# 10-20 sd, 1000 gals with 3½# 10-20 sd and pumped 60 bbls of Terra frac pad with moth balls before balling out. Shut well in. Average pumping rate of 19 BPM at 4400 psi. ISIP 2500 psi, 5 min 2250 psi, 10 min 2000 psi and 15 min 2000 psi. Used 43,000# of 10-20 sd.

Reversed sand out of casing. Ran tubing rod pump and rods.

August 1979

Drilled 12½" hole to 278'. Ran 7 jts of 9 5/8" O.D. 36# casing, tallied 279' and set at 278' K.B.. Cemented with 150 sks class "G" cement with ½# P/Bbl Celflex and 27. C.C.. Plug down at 2:15 PM 8-4-79.

Drilled 8 3/4" hole to 5440' T.D.

Ran combination Densilog and neutron log, densilog and dual laterlog.

Ran 125 jts of 5½" O.D. K-55 15.50# 8rd. L.T. & C. casing.

Tallied 5449.05' and set at 5438.75 K.B.. Cemented with 770 sks class "G" cement with 10% salt and ½# P/sk of cellophane.

Plug down at 10:45 PM 8-16-79.

(FORM 9-329) (2/76) OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. <u>U-7978</u>	
Communitization Agreement No	
Field Name Monument Butte	
Unit Name	
Participating Area N/A	
County <u>Duchesne</u>	State <u>Utah</u>
Operator Paiute Oil & Mining	Corporation
☐ Amended Report	

The following is a correct report of operations and production (including status of all unplugged wells) for the month of April 1980

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report car result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfait the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
5	NE of SE Sec 17	98	17E	OSI	-	-	-	-	See attached sheet.
									Current operation Waiting on specific tubing, packer of production equipment.
								SEP CONTRACTOR OF THE PROPERTY	17 1980

\*If none, so state.

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	196,70	XXXXXXXXXXXXXXXX	xxxxxxxxxxxx
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE.	NONE	NONE
*On hand, End of Month	196,70	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX
ADLO A /DTU Osstanta A	NONE	NONE	XXXXXXXXXXXXXXXX
Authorized Signature: Dlaude VI.	Bard Address: P	O. Box 568 Duche	sne, Utah 84021
Title: Representative		Page1 of	1

## , UNITED STATES DEPARTMENT OF THE INTERIO GEOLOGICAL SURVEY (FORM 9-329)

(FORM 9-329) (2/76) OMB 42-RO 356

MONTHLY REPORT OF OPERATIONS

Lease No. <u>U-7978</u>	
Communitization Agreement No.	
Field Name Monument Butte	
Unit Name	
Participating AreaN/A	
County <u>Duchesne</u> State	Utah
Operator Paiute Oil & Mining Corporation	
□ Amended Report	

The following is a correct report of operations and production (including status of all unplugged wells) for the month of \_February \_\_\_\_\_, 19 \_80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report carresult in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	•MCF of Gas	*Barrels of Water	Remarks
5	NE of SE Sec 17	98	17E		11	159.26	-	-	See attached sheet.
							SEP 17.000	8 0	Current operations Shut well in because of not enough gas to operate equipment. Waiting on rig to perforate more zon for possible in crease in gas & oil.

\*If none, so state.

	Oil & Condensate	Gas	Water
	(BBLS)	(MCF)	(BBLS)
*On hand, Start of Month	238.37	XXXXXXXXXXXXXXXX	xxxxxxxxxxxxxxx
*Produced	159.26	NONE	NONE
*Sold	200.93	NONE	XXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	xxxxxxxxxxxxxxx	XXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	196.70	xxxxxxxxxxxxxx	XXXXXXXXXXXXXXX
*API Gravity/BTU Contents	NONE	NONE	XXXXXXXXXXXXXXXX
Authorized Signature: Slaude V	1. Ward_ Address: P.	O. Box 568 Duches	sne, Utah 84021
Title: Representative		Page1 of	1

February 1980

Pulled rod string and rigged up BJ to acidize perforations 5117 to 5149. Pumped 3000 gals of 15% HCL acid, 9 gals of C-15 inhibitor, 9 gals of J-22, 18 gals of X-6, 9 gals of G-10 and used 1000# of benzoic flakes for divert. Average pumping rate of 5 BPM at 2500 psi. ISIP 2190, 5 min 1750 and 10 min 1600.

Swabbed acid water to pit. Ran pump and rods, started pump testing.



(FORM 9-329) (2/76) OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No <del>U-7978</del>	
Communitization Agreement No	
Field Name Monument Butte	
Unit Name	
Participating Area N/A	
County <u>Duchesne</u>	State <u>Utah</u>
Operator Paiute Oil & Mining	Corporation
☐ Amended Report	

The following is a correct report of operations and production (including status of all unplugged wells) for the month of January 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report car result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and for fait the bond (30 CFR 221.53)

Well No.	Sec. & 14 of 14	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	•MCF of Gas	*Barrels of Water	Remarks
5	NE of SE Sec. 17	9\$	17E		-	•	-	-	Installing insulation on tank and lines
								SK N	33

\*If none, so state.

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
On hand, Start of Month	238.37	XXXXXXXXXXXXXXXX	xxxxxxxxxxxxx
Produced	NONE	NONE	NONE
'Sold	NONE	NONE	XXXXXXXXXXXXXXXX
Spilled or Lost	NONE	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
Flared or Vented	XXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXX
Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXX
Injected	NONE	NONE	NONE
Surface Pits	xxxxxxxxxxxxx	XXXXXXXXXXXXXXXX	NONE
Other (Identify)	NONE	NONE	NONE
On hand, End of Month	238.37	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX
ABI Crovity /PTII Contents 22 4	NONE	NONE	XXXXXXXXXXXXXXXX
Authorized Signature: Stande V	Bard Address:_	P.O. Box 568 Duche	esne, Utah 84021
Title Representative		Page of	1

## DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY (FORM 9-329)

(2/76) OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. <u>U-7978</u>		
Communitization Agreement No		
Field Name Monument Butte		
Unit Name		
Participating Area N/A		
County Duchesne	State	Utah
Operator Paiute Oil & Mining	Corporation	
☐ Amended Report		

The following is a correct report of operations and production (including status of all unplugged wells) for the month of <u>December</u>, 19 79

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report carresult in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Veli No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	•MCF of Gas	*Barrels of Water	Remarks
5	NE of SE Sec 17	98	17E		9	20.00	-	-	See attached sheet.
									Current operation well shut in because not enough gas to operate equipment and waiting on insulators to insulate tank and flow lines.
								3.	

\*If none, so state.

	72	
Oil & Condensate	Gas	Water (
(BBLS)	(MCF)	(BBLS)
218.37	xxxxxxxxxxxxx	xxxxxxxxxxxxxxx
20.00	NONE	NONE
NONE	NONE	XXXXXXXXXXXXXXX
NONE	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXX
NONE	NONE	XXXXXXXXXXXXXXXX
NONE	NONE	NONE
XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	NONE
NONE	NONE	NONE
238.37	XXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX
NONE	NONE	XXXXXXXXXXXXXXX
rdAddress:P_	O. Box 568 Duches	ne, Utah 84021
	Page of1	
	(BBLS)  218.37  20.00  NONE  NONE  XXXXXXXXXXXXXXX  NONE  NONE  XXXXXXXXXX	(BBLS)         (MCF)           218.37         XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

December 1979

Pump sanded up, pulled pump and rods. Pulled tubing to remove tubing anchor. Ran tubing and circulated out sand to bottom.

Pulled tubing and reran same with tubing anchor, set at 5287.70

T.H.M. Ran pump and rods to pump test.



(FORM 9-329) (2/76) OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease NoU-7	7978		
Communitization A	greem No	· · · · · · · · · · · · · · · · · · ·	
Field NameMo	onument Butte		
Unit Name		· · · · · · · · · · · · · · · · · · ·	
Participating Area _	N/A		
County - Duche	esne	State _	Utah
Operator Paiut	te Oil & Minin	g Corporat	ion

TIONS ☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of <u>December</u>, 19 79

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barreis of Water	Remarks
#5	17	98	17E	Testing	None	None	None		Waiting on Completion
1									
								1	

\*If none, so state.

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month *Produced	None None	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx
*Sold	None		XXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXX
*Used on Lease	None		XXXXXXXXXXXXXXX
*Injected	None		····
*Surface Pits	<u>xxxxxxxxxxxxxxxx</u>	XXXXXXXXXXXXXXX	
Other (Identify)	None		
On hand, End of Month	None	<u>xxxxxxxxxxxxxxxx</u>	XXXXXXXXXXXXXXXX
*API Gravity/BTU Content♪ /  // ,	<u>None</u>		XXXXXXXXXXXXXXXX
Authorized Signature: A A Mindel	Address: _	P.O. Box 1329 Par	rk City, Ut. 84060
Title: President		Page of	

(FORM 9-329) (2/76) OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No.	U-79-23		
Communitization	n Agreement No		
Field Name _Moi	nument Butte		
Unit Name			
Participating Are	ea <u>N/A</u>		
County Duchesi	ne	State <u>Utah</u>	
Operator Paiute	011 & Mining	Corporation	
☐ Amended Rep	port		

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report carresult in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and fortait the bond (30 CFR 221.53)

Well No.	Sec. & 14 of 14	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
5	NE of SE Sec 17	95	17E	OSI	-	-	-	-	Waiting on special tubing, packer & Production equipment.
								0861	31/2/31/4

\*If none, so state.

	Oil & Condensate	Gas	Water
	(BBLS)	(MCF)	(BBLS)
*On hand, Start of Month	196.70	XXXXXXXXXXXXXXXX	xxxxxxxxxxxxxx
*Produced	NONE	NONE	NONE
*Sold	NONE.	NONE	XXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	xxxxxxxxxxxxxx	XXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	196.70	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXX
Authorized Signature:		O. Box 568 Duches	ne, Utah 84021
Tide. Poprocentative		Page I of	<b>.</b>

(FORM 9-329) (2/76) OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

	U-7978		
Communitizatio	n Agreemen No		
Field Name _Mo	nument Butte		
Participating Are	ea <u>N/A</u>	<u></u>	
County <u>Duches</u>		State <u>IIt</u>	
Operator Paiu	te Oil & Mining	Corporation	
M Amended Re	nort		

	OFERALIONS											
The	following is a correct	report of	operations a	and production	(including	status of	all	unplugged	wells)	for	the	mont
of	June	19 80										

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report carresult in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
	NE of SE Sec 17	98	17E	osi	-	-	-	-	Waiting on special tubing, packer & production equipment.
									SP 17 100

\*if none, so state.

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	196,70	XXXXXXXXXXXXXXXX	xxxxxxxxxxxxx
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
*Flared or Vented	xxxxxxxxxxxxxxx	NONE	XXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	xxxxxxxxxxxxxx	XXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	<u> 196.70</u>	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXX
Authorized Signature: Claude M.	Barch Address: P	O. Box 568 Duches	ne, Utah 84021
Title: Representative		Page1 of	1

(FORM 9-329) (2/76) OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No	บ-7978			
Communitization	on Agreem			
Field Name _Mc	nument B	utte		
Unit Name				
Participating A	rea N/A			
County Duche	esne		State	Utah
Operator Paiu	te Oil &	Mining	Corporation	
☐ Amended Re	eport			

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report carresult in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfait the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
5	NE of SE Sec 17	98	17E	osi	-	-	-	-	Waiting on special tubing, packer & production equipment.
									SP 17 180

\*If none, so state.

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	196.70	xxxxxxxxxxxxx	xxxxxxxxxxxxx
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXX
	NONE	NONE	NONE
*Injected *Surface Pits	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	<u> 196.70</u>	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXX
Authorized Signature: Claude M.	Ward Address: P.	O. Box 568 Duchest	ne, Utah 84021
Title: Representative		Page of	1

(FORM 9-329) (2/76)

ОМВ 42-RO 356

MONTHLY REPORT OF **OPERATIONS** 

Lease No	
Communitization Agreement Field Name Monument Butter	
Unit Name	
Participating Area N/A	
County <u>Duchesne</u>	State <u>Utah</u>
Operator Paiute Oil & Mining Co	rporation
☐ Amended Report	

The following is a correct report of operations and production (including status of all unplugged wells) for the month of <u>November</u>, 19 79

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report car result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and for feit the bond (30 CFR 221.53).

Well No.	Sec. & 14 of 14	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	•MCF of Gas	*Barrels of Water	Remarks
5	NE of SE Sec 17	98	17E		23	120.00	<b></b>	<b>-</b>	Pump testing.
									5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		· .							

- \*If none, so state.

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
Produced Pro	98.37  120.00  NONE  NONE  XXXXXXXXXXXXXXXX  NONE  NONE  XXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	NONE
Title: <u>Representative</u>	<del> </del>	Page of	1

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(FORM 9-329) (2/76) OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No		
Communitization Agreement		
Field Name Monument Butte		
Unit Name		
Participating AreaN/A		
County Duchesne	State	<u>Utah</u>
Operator Paiute Oil & Mining	Corporation	
☐ Amended Report		

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report carresult in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. &	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	•MCF of Gas	*Barrels of Water	Remarks
5	NE of SE Sec. 17	98	17E		16	98.37	•	<b>-</b>	Started pump testing 10-10-79 Pumped 91.69 bbl of fluid & pump sanded up. Pulled rod pump. Circulated hole cleaned up sand. Started well pum testing 10-30-79
									Current operation Pump testing.
							(Po	SEP JAM	8110
			-			·	A		

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)		
*On hand, Start of Month *Produced *Sold *Spilled or Lost *Flared or Vented *Used on Lease	NONE 98.37 NONE NONE XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	NONE  *******************  *************		
*Injected *Surface Pits *Other (Identify) *On hand, End of Month *API Gravity/BTU Content Authorized Signature: Blackers Title: Representative	NONE 98.37 NONE Address: P	NONE  XXXXXXXXXXXXXXXX  NONE  NONE  O. Box 568 Duches  Page 1 of	NONE NONE  xxxxxxxxxxxxxxxxxxxxxxxxxxxxx		

#### UNITED STATES DEPARTMENT OF THE INTERIOR . GECLOGICAL SURVEY (FORM 9-329) (2/76)42-RO 356

MONTHLY REPORT OF **OPERATIONS** 

OMB

Lease No	
Communitization Agreemen	
Field Name Monument Butte	
Unit Name	
Participating Area N/A	
County Duchesne	State <u>Utah</u>
Operator Paiute Oil & Mining	Corporation
☐ Amended Report ∅	

The following is a correct report of operations and production (including status of all unplugged wells) for the mont: of <u>September</u>, 19 79

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report car result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and for

Well No.	Sec. & 14 of 14	TWP	RNG	Weli Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
5	NE of SE Sec 17	98	17E		-	-	-	-	See attached sheet.
									Current operation: Installing pumping equipment and tank battery.
								(0)	SED TATAL
		-						•	COLUMN TO

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	` Gas (MCF)	Water (BBLS)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXX	xxxxxxxxxxxxx
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXX
*Spilled or Lost	NONE XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX
*Flared or Vented	NONE	NONE	***********
*Used on Lease *Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE XXXXXXXXXXXXX
*On hand, End of Month	NONE NONE	NONE	******
*API Gravity/BTU Content Authorized Signature: Elaude M. C	/ /	O. Box 568 Duches	one, Utah 84021
Title: Representative		Page1 of	1

#### REMARKS:

#### September 1979

Swabbed back acid.

Ran temperature survey from surface to 5320'.
Ran cement bond and correlation log.
Perforated the following intervals:

5141 to 5149 3 holes P/FT.

5124 to 5137 3 holes P/FT.

5117 to 5122 3 holes P/FT.

Acidized above perforations with 4000 gals of 15% HCL acid. Displaced acid with 32 bbls of 3% KCL water. Used 100 ball sealers throughout acid. Average pumping rate of 6 BPM at 1800 psi. Formation broke down at 4900 psi. ISIP 1500 psi, 5 min 1500 psi, 10 min 1480 psi and 15 min 1470 psi.

Rigged up BJ to frac zone 5117 to 5149. Pumped 2500 gals of Terra frac pad, 2500 gals with 1# 10-20 sd, 2500 gals with 2# 10-20 sd, 3500 gals with 3# 10-20 sd, 1000 gals with 3½# 10-20 sd, 2500 gals pad with moth balls, 2500 gals with 1# 10-20 sd, 2500 with 2# 10-20 sd, 3500 gals with 3# 10-20 sd, 1000 gals with 3½# 10-20 sd and pumped 60 bbls of Terra frac pad with moth balls before balling out. Shut well in. Average pumping rate of 19 BPM at 4400 psi. ISIP 2500 psi, 5 min 2250 psi, 10 min 2000 psi and 15 min 2000 psi. Used 43,000# of 10-20 sd.

Reversed sand out of casing. Ran tubing rod pump and rods.

#### **REMARKS:**

August 1979

Drilled 12½" hole to 278'. Ran 7 jts of 9 5/8" 0.D. 36# casing, tallied 279' and set at 278' K.B.. Cemented with 150 sks class "G" cement with ½# P/Bbl Celflex and 2% C.C.. Plug down at 2:15 PM 8-4-79.

Drilled 8 3/4" hole to 5440' T.D.

Ran combination Densilog and neutron log, densilog and dual laterlog.

Ran 125 jts of 5½" 0.D. K-55 15.50# 8rd. L.T. & C. casing.

Tallied 5449.05' and set at 5438.75 K.B.. Cemented with 770 sks class "G" cement with 10% salt and ½# P/sk of cellophane.

Plug down at 10:45 PM 8-16-79.



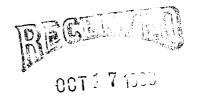
Form Approved.

## UNITED STATES DEPARTMENT OF THE INTERIOR

		Budget Bureau No. 42-R1424									
	5.	LEASE									
ı	บ <b>-</b> 7978										
	6.	IF INDIAN, ALLOTTEE OR TRIBE NAME									
	7. UNIT AGREEMENT NAME										
t	8.	FARM OR LEASE NAME									
		Pomco									
	9.	WELL NO.									
		#5									
	10.	FIELD OR WILDCAT NAME									
		Wildcat									
	11.	SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 17 T9 S 17E									
		S.L.B. & M									
	12.	COUNTY OR PARISH 13. STATE									
		Duchesne Utah									
_	14.	API NO.									

GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME				
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME				
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME				
1. oil	Pomco				
1. oil gas	9. WELL NO.				
2. NAME OF OPERATOR	#5				
Paiute Gil & Mining Corp.	10. FIELD OR WILDCAT NAME				
3. ADDRESS OF OPERATOR	Wildcat				
P.O. Box 1329 Park City, UT 84060	11. SEC., T., R., M., OR BLK. AND SURVEY OR				
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA Sec 17 T9 S 17E				
below.)	S.L.B. & M				
AT SURFACE: 660 FWL 1980 FSL	12. COUNTY OR PARISH 13. STATE				
AT TOP PROD. INTERVAL:	Duchesne Utah				
AT TOTAL DEPTH:	14. API NO.				
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	5429' KDB 5417 GL				
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)				
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:					
TEST WATER SHUT-OFF	(NOTE: Report results of multiple completion or zone change on Form 9–330.)				
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertiner	irectionally drilled, give subsurface locations and				

See attached sheets as to casing records, perforations, acidizing, and fracturing.



DIVISION OF OIL, GAS & MINING

Subsurface Safety Valve: Man	Set @	Ft.	
18. I hereby certify that the fo	pregoing is true and correct		
SIGNED	DATE		
	(This space for Federal or S	tate office use)	
APPROVED BY		DATE	

3rd zone 3951 to 4523. Pumped 30,000 SCF of N2 pad followed by 36 bbls of 15% HCL acid with 750 SCF of N2 p/bbl, flushed with 18 bbls of 3%. KCL water with 750 SCF of N2 p/bbl. Dropped 14 ball sealers after 19 bbls of acid. Average pumping rate 4 BPM at 2500 psi. ISIP 1800 psi and 5 min 1700 psi.

(Each zone was flowed back after each job until it died before moving bridge plug and packer.) Retrieved bridge plug and pulled out of the hole. Removed bridge plug and ran 25 jts of 2 7/8 O.D. tubing below packer. Started in the hole with packer and well started flowing. Closed well in.

Swabbed 14 bbls of oil and well flowed 4 bbls of oil. Oil set up in tubing. Rig respooled sand line.

T/P 200 Unset packer and ran 11 stands and landed tubing. Removed B.O.P. Hot oiler tried to circulate tubing, well flowed 3 bbls - Closed well in.

T/P 125 Bled well down and killed same. Ran rods and laid them down. Rigged up to swab. Swabbed 106 bbls of fluid (31.68 bbls into stock tank).

T/P 0 Swabbed well down and recovered 15 bbls and 9 bbls on 4 hr swab test. Closed well in and moved rig off the hole.

**REMARKS:** 

April 1980



Perforated the following intervals with 2 holes at each depth: 5283, 5275, 5270, 5264, 5255, 5247, 5101, 5072, 5044, 4885, 4882, 4880, 4874, 4872, 4870, 4847, 4523, 4521, 4520, 3960, 3959, 3958, 3957, 3956, 3955, & 3951. Used 4" omega jet shots. Bond log was used for perforations, intervals 3951 to 3960 are 3' difference on the dual laterolog. Rigged up to run packer and bridge plug. Had trouble with packer - wouldn't go in the hole. Called for another packer. Ran bridge plug to 5300 and packer set at 5200.

Rigged up Western Co & Nowsco to acidized. 1st zone 5247 to 5283.

Pumped 30,000 SCF nitrogen pad followed by 36 bbls of 15% HCL acid with 750 SCF of N2 p/bbl, flushed with 25 bbls of 3% KCL water and 750 SCF of N2 p/bbl. Dropped 8 ball sealers after 18 bbls of acid. Average pumping rate of 4 BPM at 2800 psi., formation broke down at 4000 psi. Moved packer to 4800' and bridge plug to 5110'. ISIP 2100 psi, 5 min 2000 psi, and 10 min 2000 psi. 2nd zone 4847 to 5101. Pumped 30,000 SCF of N2 pad followed by 48 bbls of 15% HCL acid with 750 SCF of N2 p/bbl, flushed with 21 bbls of 3% KCL water with 750 SCF of N2 p/bbl. Dropped 7 ball sealers after 16 bbls of acid and 7 more after 32 bbls of acid. No apparent formation brake down. Average pumping rate of 5 BPM at 2700 psi. Moved packer to 3900' and bridge plug to 4560'. ISIP 1700 psi, 5 min 1650 and 10 min 1650.

3rd zone 3951 to 4523. Pumped 30,000 SCF of N2 pad followed by 36 bbls of 15% HCL acid with 750 SCF of N2 p/bbl, flushed with 18 bbls of 3% KCL water with 750 SCF of N2 p/bbl. Dropped 14 ball sealers after 19 bbls of acid. Average pumping rate 4 BPM at 2500 psi. ISIP 1800 psi and 5 min 1700 psi.

(Each zone was flowed back after each job until it died before moving bridge plug and packer.) Retrieved bridge plug and pulled out of the hole. Removed bridge plug and ran 25 jts of 2 7/8 0.D. tubing below packer. Started in the hole with packer and well started flowing. Closed well in.

Swabbed 14 bbls of oil and well flowed 4 bbls of oil. Oil set up in tubing. Rig respooled sand line.

T/P 200 Unset packer and ran 11 stands and landed tubing. Removed B.O.P. Hot oiler tried to circulate tubing, well flowed 3 bbls - Closed well in.

T/P 125 Bled well down and killed same. Ran rods and laid them down. Rigged up to swab. Swabbed 106 bbls of fluid (31.68 bbls into stock tank).

T/P 0 Swabbed well down and recovered 15 bbls and 9 bbls on 4 hr swab test. Closed well in and moved rig off the hole.



#### n 9-320 (. 5-68)

# UNITED STATES SUBMIT DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

UPLICAT	*
(Se	r in-
reverse	on side)

Form approved. Budget Bureau No. 42-R\$55.5

5.	LEASS	DESIGNATION	AND	SERIAL	No
		7070			

											_	7770	
WELL CO	MPLE	TION	OR	RECO	MPLE	I MOIT	REPORT	AN	D LO	G *	6. IF INDIA	N, ALLO	OTTEE OR TRIBE NAME
1a. TYPE OF WEL				GAS WELL							7. UNIT AG	REEMEN	T NAME
b. TYPE OF COM	PI.ETTO		נג ואַ	WELL L		DRY L	Other				1. 0 20		·
NEW XX	WORK	DE		PLUG BACK	DII	FF. SVR.	Other				S. FARM OF	LEASI	NAME
2. NAME OF OPERAT		L) EN		BACK		8 V K	Other				Pomo		
Paiute Oi		iinino	Cor	norati	O.D.	1.46	8212	•			9. WELL NO		
8. ADDRESS OF OPE		111111	, 001	polaci	<u> </u>		4	·	<del></del>		- 5		
P.O. Box	1329	Park	c Cit	y. Uta	h 84	4060						ND POC	L, OR WILDCAT
4. LOCATION OF WEI	LL (Repo	rt locati	on clear	ly and in	accordan	e with an	y State requir	remen	(a) *		Wild	cat	•
At surface 66	O'FW	L 19	980' 1	FSL S	ec. 1	-		e. 1	L/E		11. SEC., T.		OR BLOCK AND SURVEY
At top prod. int	erval rep	ported be	low			S	.L.B.&M.				Sec.		
							•				Twp.		S.L.B.&M.
At total depth											Rge.	17E	
						ERMIT NO.		DATE	ISSUED		12. COUNTY PARISH		13. STATE
					173	03-3	1					esne	ELEV. CASINGHEAD
15. DATE SPUDDED			REACHED	17. DAT	<b>.</b> .	(Ready to	_   "			_	RT, GR, ETC.)*	19.	ELEV. CABINGHEAD
8-3-79	8-1			<u> </u>		<u>6-79</u>			RKB	5417	GR BOTARY TO		CABLE TOOLS
20. TOTAL DEPTH, MD	& TVD	21. PLU	O, BACK	T.D., MD &	TVD 2	HOW M	TIPLE COMPL. ANY	•		LED BY	RUTAKI TU	OLB	CABLE TOOLS
5440 24. PRODUCING INTER	747 (9)	05 7510	COMPLE	TION TOT	POTTO M	NAME ()	**	<del>,</del>	<u> </u>	<u>→</u>	Rotary		5. WAS DIRECTIONAL
24. PRODUCING INIE	TAL (S),	OF THIS	COMPLE	.11010—102	, BOILOR	, ,,,,,,, (-	10 110)					-	SURVEY MADE
													<b>N</b> 1 -
26. TYPE ELECTRIC A	ND OTH	R LOGS	RUN			<del></del>						1 27. 1	NO VAS WELL CORED
at +	· · · » waeer magnerity	Charles San properties	Marie annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual	empor	ature	Surve	y log C	emer	it bon	dlog			
Compensat	ed De	nsilo	<u>) g &amp; 1</u>				ilog-dua			<u>g</u> >		<u> </u>	No
CASING SIZE	WEIG	HT, LB.	FT.	DEPTH SI			LE SIZE	1		ENTING	RECORD		AMOUNT PULLED
9 5/8"	-	36 00		27	ρţ	12	1/4"	150	) eack	e of	Class "C	117	
5 1/2"	-	36.00 15.50				3/4"							
		1000	<del>/</del> -	<u> </u>	374 770		Sack	3 01	C1833 0				
						-[							
29.	<del></del>	<del></del>	LINER	RECORD					30.		TUBING REC	ORD	
BIZE	TOP (	MD)	BOTTO	M (MD)	BACKS	CEMENT*	SCREEN (M	D)	SIZE	İ	DEPTH SET (	MD)	PACKER SET (MD)
									\$	ee 8	ttachmer	ıt	
31. PERFORATION REC	ORD (In	terval, si	ze and	number)			82.	AC	ID, SHOT	FRAC	TURE, CEMEN	T SQU	EEZE, ETC.
							DEPTH INT	PERVAL	(MD)		HOUNT AND KI	ND OF	MATERIAL USED
Please se	e the	atta	ched	sheet	•						V 8 1		
					-				See	atta	achment.	1 65	<del>,</del>
							1				A D		
88.* DATE FIRST PRODUCT:	ION	1 PROD	UCTION I	METHOD (	Floroina		OUCTION umping—eise	and to	ine of num		APR		(Producing or
						,, ., ., .,		U.U.U.	,po o, pan	••,	e h	ut-in)	_
Full time 9-		TESTED	umpi:	OKE SIZE	PROD	'N. FOR	OIL—BBL.		GASMC	T.	WATER-BE	roduc	GAS-OIL BATIO
						PERIOD					199		
FLOW, TUBING PRESS.	CASING	PRESSU	RE CA	LCULATED	OIL-	-BBL.	GA8	MCF.	1	WATER-	BBL,	OIL	RAVITY-API (CORB.)
			24	HOUR RAT	1	8 BPD	1		1				·
84. DISPOSITION OF G	AB (Sold,	, used for	fuel, ve	mted, etc.)		o bi b					TEST WITH	ISSED F	TY
55. LIST OF ATTACH!	MENTS										<u>'</u>		
Items 30.	31.	and 3	32										
Items 30. 36. I hereby certify	that the	foregoli	ng and a	ttached in	formatio	n is comp	lete and corre	ect as	determine	d from	all available	records	
GYONIED 13	Un.	ed?	72	(13n	s II -	rmr n D	roductio	. W			<u>.</u>		3-27-81
BIGNED	-160			1/10	ت ت تست	בב פוענו	<u> </u>	11	and R E L		DAT	16	

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency.

or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and or See instructions on items 22 and 24, and 33, below regarding separate completions.

If not filled prior to the time this submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Herm 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State

Ifem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. or Federal office for specific instructions.

items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES SHOW ALL IMPORTANT ZONES DEPTH INTERVAL TESTED, CUSI	ROUS ZONES: DRIANT ZONES OF P. L TESTED, CUSHION	MARY OF POROUS ZONES: show all important zones of porosity and contents thereof; depth interval tested, cushion used, time tool open, flowing	NTB THERE OPEN, FLOW	OF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING FING AND SHUT-IN PRESSURES, AND RECOVERIES	ILS; AND AL	LL DRILL-STEM AND RECOVERIN	TESTS, INCLU		38. GEOLO	GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM		DESCR	DESCRIPTION, CONTENTS, ETC.	TENTS, ETC.		1		-	TOP
•									NAM B	MEAS. DEPTH	TRUB VERT. DEPTH
Green River	5117 5247 4847 3051	5149 5283 5101		All zones v	es were tested with no water	zones were tested together oil with no water.	ether.		Green River. Douglas Creek	1344 3036	
	TC45	5764				•					
					r regis	. #2 . G					
**			1 <b>5</b> 7 (0)		:	* 4 * * * * * * * * * * * * * * * * * *	-	<del></del>			
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		······································				· · · · · ·	. •	· · · · · ·			•
12					( <b>)</b> }	enes deng	* 6.	<u>.</u> .	•		

## Item #30 Tubing Record

Size	Depth Set	Packer Set (Dual String Packer)
2 1/16"	5327	3887 - Production tubing
1 1/4"	3871	Heat string
1"	3890	Gas string.

# Item #31 Perforation Record

.44" 5141 - 5149 3 H p/ft. . 44" 5124 - 5137 3 H p/ft. 5117 - 5122 3 H p/ft. . 44" 5283 - 2 holes 5275 - 2 holes 5264 - 2 holes 5255 - 2 holes 5247 - 2 holes 5101 - 2 holes 5072 - 2 holes 5044 - 2 holes 4885 - 2 holes 4882 - 2 holes 4880 - 2 holes 4874 - 2 holes 4872 - 2 holes 4870 - 2 holes 4847 - 2 holes 4523 - 2 holes 4521 - 2 holes 4520 - 2 holes 3960 - 2 holes 3959 - 2 holes 3958 - 2 holes 3957 - 2 holes 3956 - 2 holes 3955 - 2 holes

3951 - 2 holes

<sup>\*</sup> All holes .44"

* **	Item #32 Depth Interval (MD)	Item #32 Continued  Acid, Shot, Fracture, Cement Squeeze, Etc.  Amount and Kind of Material Used	
	5117 to 5149	Acidized with 4,000 gallons of 15% HCL acid. Fraced with 24,000 gallons of BJ Terra frac with 43,000# of 10-20 sand. Acidized with 3,000 gallons of 15% HCL acid to clean perforations.	
And the second s	5247 to 5283	Acidized with 1,500 gallons of 15% HCL acid with 75750 SCF of Nitrogen.	
	4847 to 5101	Acidized with 2,000 gallons of 15% HCL acid with 77250 SCF of Nitrogen.	
	3951 to 4523	Acidized with 1,500 gallons of 15% HCL acid with 70500 SCF of Nitrogen.	

MAT 8, 1981

Paiute Oil & Mining Corp. P. O. Box 1329 Park City, Utah 84060

> RE: WELL NO. POMCO #5 Sec. 17, T. 9S, R. 17E, Duchesne County, Utah

#### Gentlemen:

According to our records, a "Well Completion Report" filed with this office 3-27-81, from above reffered to well indicates the following electric logs were run: Compensated Densilog & Netron log, Densilog-dual laterlog, Temperature Survey log, and Sement Bondlog. As of todays date this office has not received these logs: Temperature Survey log and Cament b bondlog.

Rule C-5, General Rules and Regulations and Rules of Pratice and Procedure Procedure, requires that a well log shall be files with the commission together with a copy of the electrice and radioactivity logs.

Your proppt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

DEBBIE BEAUREGARD WELL RECORDS CLERK

Debie Brawagard

# GAVILAN PETROLEUM, INC.

4885 South 900 East, Suite 305 Salt Lake City, Utah 84117 (801) 263-8685

## **RECEIVED**

AUG 7 1987

DIVISION OF OIL GAS & MINING

August 6, 1987

Division of Oil and Gas Mining 3 Triad Center, Suite 350 Salt Lake City, UT 84180

Re: Sundry Notice

U-7978 U-3563

North Duchesne 1-7

#### Gentlemen:

Enclosed please find three copies of a Sundry Notice to the North Duchesne 1-7 and a copy for the Pomco #4, Pomco #5 and Pomco-Federal 1-18 noticing a change of operator to Gavilan Petroleum, Inc.

Please have these Sundry Notices approved and forward an approved copy to Gavilan's Salt Lake City address. Please do not hesitate to contact me should you have any questions regarding this matter.

Sincerely,

Jay Mealey

JM/js

Enclosures

5

16.

PRACTURE TREAT

# UNATED STATES SUBMIT IN TRIPI Other instructions Other instructions Other instructions

NOTICE OF INTENTION TO:

Form approved. Budget Bureau No. 1004-0135

Expi	res	August	31.	1985	
		NATION			NO

CXD	1162	74	.gus.	J.,		
EARE	DESI	GNA	TION	AND	SERIAL	NO.
						Λ.

U-7978	200	Ĺ
	WAVE	_

REPAIRING WELL

SUBSEQUENT REPORT OF:

(Formerly 9–331)  DEPARIMENT OF THE TICTERTOR  BUREAU OF LAND MANAGEMENT	U-7978 C. IF INDIAN, ALLOTTEE OR TRIBE	OU NAME
SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  (Do not use this form of PELICATION FOR PERMIT—" for such proposals.)	081103	
	7. UNIT AGREEMENT NAME	
OIL GAB WELL OTHER	8. PARM OR LEASE NAME	
GAVILAN PETROLEUM, INC.	9. WELL NO.	
3. ADDRESS OF OFERATOR 1680 W. Hwy #40, Suite 1230, Vernal, UT 84078	POMCO #5	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*  See also space 17 below.)	Monument Butte	
NW4SW4	11. SEC., T., R., M., OR BLK. AND SURVEY OF AREA  Sec. 17 - T9SR17	Έ
14. PERMIT NO.	Duchesne Ut	ah

WATER SHUT-OFF PULL OR ALTER CASING ALTERING CASING TEST WATER SHUT-OFF FRACTURE TREATMENT MULTIPLE COMPLETE ABANDON MENT\* SHOOTING OR ACIDIZING

ABANDON\* SHOOT OR ACIDIZE (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) . CHANGE PLANS REPAIR WELL 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

This is to advise that Gavilan Petroleum, Inc. will be the new operator of this well.

18. I hereby certify that the forecast is tree and correct	Agent	for	Gavilan	Petroleum,	Inc.	7/27/87 DATE
(This space for Federal or State office use)  APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE .				RE	CEIVED

7 1987 AUG

DATE 03/09/89 PRODUCTION INQUIRY SCREEN MENU: OPTION 00

TWNSHP RANGE SC SPOT MD. API ZONE STATUS 9.0 S 17.0 E 17 NWSW S 43-013-30499 GRRV POW

OPERATOR: N2275 : GAVILAN PETROLEUM INC

WELL NAME: POMCO #5

ENTITY: 8104 : POMCO #5

ACCT	ENTY	DAYS	OIL PROD	GAS PROD	WATER PROD	PERIOD
CUM TH	RU 12/	31/87	18155.00	15001.00	1246.00	
N2275	8104	2	96.00	36.00	8.00	88-01
N2275	8104	28	314.00	531.00	80.00	88-02
N2275	8104	31	271.00	589.00	44.00	88-03
N2275	8104	29	259.00	546.00	38.00	88-04
N2275	8104	31	297.00	591.00	0.00	88-05
N2275	8104	28	246.00	536.00	19.00	88-06
N2275	8104	31	218.00	589.00	43.00	88-07
N2275	8104	31	223.00	590.00	44.00	88-08
N2275	8104	30	213.00	570.00	43.00	88-09
N2275	8104	31	200.00	589.00	28.00	88-10
N2275	8104	2	12.00	38.00	34.00	88-11
N2275	8104	31	302.00	589.00	3.00	88-12
112213	0104	YTD	2,651	5,794	384	
05550		DEDICE (NAME).		4201220400 70NE - CPPV	ENTITY.	Ω

OPTION: 13 PERIOD(YYMM): 8800 API: 4301330499 ZONE: GRRV ENTITY:



P.O. BOX 1532

ROOSEVELT, UTAH 84066

OFFICE: (801) 722-3693

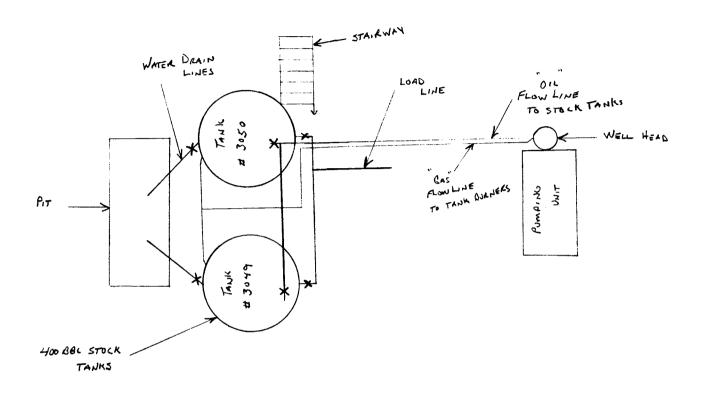
# WATER ANALYSIS REPORT

COM	PANYGAVILLA	N PETROLEUM	ADDRESS			DATI	E: <u>3-1</u>	3-89
COW	Pomko #	5	DATE SAMPLE	3-13-89	ANALYSIS	NO		
soui	RCE	Analysis	DATE SAMPLE	Mg/L (ppm)			*Meq/L	
	_u	9.2						
1.	pH	1.5						
2.	H <sub>2</sub> S (Qualitative) Specific Gravity	1 005						
3.	Dissolved Solids			14,749				
4. -								
5.		I Count CI	C/MI					
6.				1830				
	(Methyl Orange) A		HCO3	2233		÷61	37	HCO3
8.		3)	CI	7080		÷35.5_	199	CI
	Chlorides (CI) Sulfates (SO <sub>4</sub> )		SO <sub>4</sub>	0		÷48 _	0	SO4
			Ca	8		÷20	0	Ca
11.			. Mg	C		÷12.2 .	0	Mg
12.	Total Hardness (C	aCO <sub>3</sub> )		20				
	Total Iron (Fe)	<b></b>		2.0				
	Barium (Ba)							
	. Phosphate Residu	als						
	•							
*Mil	il equivalents per liter	PROBAB	LE MINERAL	. COMPOSIT	TION			
Г				Compound	Equiv. Wt.	X Me	q/L =	Mg/L
	0 Ca	HCO <sub>3</sub>	37	Ca (HCO3)2	81.04 _			
T	0		0	Ca So4	68.07			
	Mg	S04		Ca Cl2	55.50			
	236 Na —	CI	199	Mg (HCO3)2	73.17	. <u></u>		
L				Mg SO4	60.19			
	Saturation Value	es Distilled Water	50₀C 1	Mg Cl2	47.62			2100
	Ca CO <sub>3</sub>	13 Mg/L	ı	Na HCO3	84.00	37		3108
	Ca SO <sub>4</sub> - 2H <sub>2</sub> O	2,090 Mg/L	i	Na SO4	71.03			11 604
	Mg CO <sub>3</sub>	103 Mg/L	1	Na CI	58.46	199		11,634
RE	MARKS							

BUREAU OF LAND MANAGEMENT	5. LEASE DESIGNATION AND SERIAL NO.  U-7978 6 IF INDIAN, ALLOTTEE OR TRIBE NAME.
SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT" for such proposals.)	9 IF INDIAN, ALLOUTING OR INIBE NAME
1.	7. UNIT AGREEMENT NAME
WELL X WELL OTHER	Pomco
2. NAME OF OPERATOR	8. FARM OR LEASE NAME
Gavilan Petroleum, Inc.	9. WELL NO.
3. ADDRESS OF OPERATOR P.O. Box 1656 Roosevelt, Utah 84066	#5
1. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*  See also space 17 below.)	10. FIELD AND POOL, OR WILDCAT
At surface MAR 20 1909	11. SEC., T., B., M., OR BLE. AND
660 FWL 1980 FSL NW/SW Sec 17, T9S, R17E	SURVET OR ARMA
MM/2M 26G 11' 132' KILE (BARTARIA)	Sec 17, T9S, R17E
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43-013-30499 5417' GR	Duchesne Utah
	as Other Data
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FRACTURE TREAT  MULTIPLE COMPLETE  FRACTURE TREATMENT	
SHOOT OR ACIDIZE ABANDON*	ABANDONMENT®
(Other) Site Security Diagram (Other) (Other)	results of multiple completion on Well ecompletion Report and Log form.)
17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent proposed work. If well is directionally drilled, give subsurface locations and measured and true	dates, including estimated date of starting an vertical depths for all markers and zones pert
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Ponco # 5





SEALED VALVES - -- - X

GAVILAN PETROLEUM, INC.
POMLO # 5
NW/SW SEC. 17, T95, RITE
LEASE NO. U-7978
APT NO. 43-013-30499

. I hereby certify that the for	egoing/is true and correct	ield Engineer	03/17/89
Therefor	e no equipment should be	required.	
-	going to be removed and		
Please b	e advised that the gas li	nes that are requiring	measuring
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(Other) Gas Measur		Completion or Recomple	of multiple completion on Well etion Report and Log form.)
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
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	ATT MAKE THE STATE OF THE STATE	proposals.)	7. UNIT AGREEMENT NAME
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TITLE \_

DATE ....

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

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43-013-30499    Selections   Se		NW/SW Sec. 17,T9S,R17E	Soci od Mai	SURVET OR AREA
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(Other) Emergency Pit  (Nort: Report results of multiple completing on the proposed of Completing of Countries of Countrie	SHOOT OR ACIDIZE	ABANDON®	SHOOTING OR ACIDIZING	ABANDONMENT*
The beautiful control of the foregoing in true, and correct signed by the foregoing in the foregoing in true, and correct signed by the foregoing in				of multiple completion on Well
Please be advised that action has been taken to reclaim the unlined emergency pit.  I hereby certify that the foregoing is true, and correct  SIGNED TITLE Field Engineer  O3/17/89  (This space for Federal or State office use)	7. DESCRIBE PROPOSED OR C proposed work. If w	OMPLETED OPERATIONS (Clearly state all perti-	Completion or Recomple nent details, and give pertinent dates,	etion Report and Log form.) including estimated date of starting an
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	3. I hereby certify that the	foregoing is true, and correct		
	A.	-41/-	Field Engineer	DATE 03/17/89
	SIGNED Juny	# Cut TITLE_	Field Engineer	DATE 03/17/89

(Formerly 9-3.31)  DEPARTMENT OF THE II  BUREAU OF LAND MANAC	NTERIOR (Other Instructions FE	5. LEASE DESIGNATION AND SERIAL NO. U = 7978
SUNDRY NOTICES AND REPORT OF THE PROPERTY OF T	ORTS ON WELLS or plug back to a different reservoir. for such proposals.)	6 IF INDIAN, ALLOTTER OR TRIBE NAME
OIL X GAS WELL OTHER		POMCO  8. FARM OB LEASE NAME
2. NAME OF OPERATOR  Gavilan Petroleum, Inc.  3. ADDRESS OF OPERATOR	THE PROPERTY OF THE PARTY OF TH	9. WELL NO.
P.O. Box 1656 Roosevelt, Utah  1. LOCATION OF WELL (Report location clearly and in accordance See also space 17 below.) At surface	with any state requirements.  MAR 20 1939	# 5 10. FIELD AND POOL, OR WILDCAT  Monum::nt Butte
660' FwL 1989' FS NW/SW Sec. 17,T9S,R	t7E oranga of	11. SEC., T., B., M., OR BLE. AND SURVEY OF AREA  NW/SW Sec. 17, T9S, R17E
14. PERMIT NO 15 ELEVATIONS (Show v 43-013-30499 5417	whether DF, NT, UK, etc.)	Duchesne Utah
16. Check Appropriate Box To Inc	dicate Nature of Notice, Report, or C	
water in the existing unlined p  The well produces slightly would increase to greater than and disposed of in a state appr	water shut-off  Fracture treatment shooting or actidizing  (Other)  (Note: Report results Completion or Recomp Deprilment details, and give pertipent dates reace locations and measured and true vertices ested to dispose of produces sit.  Tower 1 bbl/day. If the water would toved pit.  Trent water analysis on the	d formation ater production be hauled off
18. I hereby certify that the foregoing is true and correct SIGNED	rue Field Engineer	DATE <u>03/17/89</u>
(This space for Federal or State office use)		
TIT	T. FC	DATE

TITLE \_\_\_

APPROVED BY \_\_\_\_\_\_\_CONDITIONS OF APPROVAL, IF ANY:

(Formerly 9=331) DEPAI	RTMEN OF THE INTER	IOR (Other instructions re-	5. LEASE DESIGNATION  U - 7978	AND SERIAL NO
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Gavilan Petro	leum, Inc.	and the second s	9. WELL NO.	
3. ADDRESS OF OPERATOR P.O. BOX 1656	Roosevelt, Utah 8406	6	# 5	8 WILDCAT
4. LOCATION OF WELL (Report locat See also space 17 below.) At surface	560' FWL 1980' FSL NW/SW Sec.17,T9S,R17E	MAR 20 1989	Monument  11. SEC., T., E., M., OR I	Butte
			NW/SW Sec. 17	
14. PERMIT NO 43-013-30499	15 ELEVATIONS (Show whether Display 15 GR	F, RT, GR. etc.)	Duchesne	Utah
	Appropriate Box To Indicate 1	Nature of Notice, Report, or (	Other Data	
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FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) Gas Line	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS D OPERATIONS (Clearly state all pertine) rectionally drilled, give subsurface local	Completion or Recomp	BEPAIRING C ALTERING C ABANDONME s of multiple completion pletion Report and Log fo including estimated da	on Well
the existing o	e advised that action is gas lines between the Po	om.:o # 5 and Pomco # 2	2 and # 1-18.	
18. I hereby certify that the forego	ing is true and correct		an and a surprise of the surpr	
SIGNED	TITLE_	Field Engineer	DATE	7/89
(This space for Federal or State	e office use)	:		
APPROVED BY	TITLE		DATE	

APPROVED BY \_\_\_\_\_\_\_CONDITIONS OF APPROVAL, IF ANY:

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CHNIDDA V	NOTICES AND REPORT PRICATION FOR PERMIT—" for a	TS ON WELLS	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
Use: "AP	PLICATION FOR PERMIT— for a	uch proposals.)	7. UNIT AGREEMENT N	AME
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See also space 17 below.) At surface			Monument Bu	
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43-013-30499	5417, GR	A STATE OF THE STA	Duchesne	Utah
	k Appropriate Box To Indica	ate Nature of Notice, Report, or	r Other Data	
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TEST WATER SHUT-OFF FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING (	CASING
SHOOT OR ACIDIZE	ABANDON®	SHOOTING OR ACIDIZING	ABANDONMI	INT*
REPAIR WELL	CHANGE PLANS	(Other) Report real	ilts of multiple completion	on Well
(Other) Venting Gas	(NTL-4A)	Completion or Reco	mpletion Report and Log to	orm.)
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Please be	advised that the ab	ovementioned well is no that the well does sta	ot venting gas	rs and zones pe
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1601 Lewis Avenue P.O. Box 21017 Billings, MT 59104 Office: (406) 259-7860 FAX: (406) 245-1365 [J FAX: (406) 245-1361 [X

September 3, 1993

SEP 0 7 1993

Lisha Cordova State of Utah Division of Oil, Gas & Mining 355 West North Temple Salt Lake City, UT 84180 DIVISION OF OIL, GAS & MINING

Dear Lisha:

Enclosed are sundry notices requesting approval of the Change of Operator effective September 1, 1993, for the following wells:

Pomco #4 SW SW Section 17, T9S, R17E Duchesne County, Utah

Pomco #5 NW SW Section 17, T9S, R17E Duchesne County, Utah

If you have any questions or need further information, please give me a call.

Sincerely,

Bobbie Schuman

Coordinator of Operations,

Environmental and Regulatory Affairs

/rs

Enclosures

# DIVISION OF OIL, GAS AND MINING

			5. Lease Designation and Serial Number: Federal #U-7978
SUNDRY NOTICES AND REPO	6. If Indian, Alicttee or Tribe Name:  n/a  7. Unit Agreement Name:  n/a		
Do not use this form for proposals to drill new wells, deepen existing wells Use APPLICATION FOR PERMIT TO DRILL OR DEEPE			
1. Type of Well: OIL K GAS OTHER:			8. Well Name and Number: POMCO #5
2. Name of Operator: Equitable Resources Energy Company, B	alcron	Oil Division	9. API Well Number: 43-013-30499
3. Address and Telephone Number: P.O. Box 21017; Billings, MT 59104			10. Field and Pool, or Wildcat: Castle Peak Field
4. Location of Well 1980 'FSL, 660 'FWL Footages:	-		county: Duchesne
QQ, Sec.,T.,R.M.: NW SW Section 17, T9S, R17E			State: UTAH
11. CHECK APPROPRIATE BOXES TO INDI	CATE NA	ATURE OF NOTICE, REPO	ORT, OR OTHER DATA
NOTICE OF INTENT (Submit in Duplicate)			QUENT REPORT t Original Form Only)
☐ Abandonment ☐ New Construction		Abandonment *	☐ New Construction
☐ Casing Repair ☐ Pull or Alter Casing	1	Casing Repair	Pull or Alter Casing
☐ Change of Plans ☐ Recompletion		☐ Change of Plans	☐ Shoot or Acidize
☐ Conversion to Injection ☐ Shoot or Acidize		☐ Conversion to Injection	☐ Vent or Flare
☐ Fracture Treat ☐ Vent or Flare		☐ Fracture Treat	☐ Water Shut-Off
☐ Multiple Completion ☐ Water Shut-Off	, .	KXOther change of ope	erator
Other			
		Date of work completion	
Approximate date work will start		COMPLETION OR RECOMPLETION AN	
		* Must be accompanied by a cement ver	ification report.
<ol> <li>DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent overtical depths for all markers and zones pertinent to this work.)</li> </ol>	details, and giv	re pertinent dates. If well is directionally dri	led, give subsurface locations and measured and we
Effective September 1, 1993, the Oper	rator o	f this well will be:	0 mm 0 7 1007
Equitable Resources Energy Compa P.O. Box 21017	any, Ba	lcron Oil Division	DIVISION OF
Billings, MT 59104 (406) 259-7860			OIL, GAS & MINING
Operations will be taken over from:	3030 S Salt L	n Petroleum Inc. outh Main Street, Su ake City, UT 84115 466-8960	ite 500
13.  Name & Signature: Sobbie Schuman  Bobbie Schuman		Coordinator of TRUE: and Regula	Environmental 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.

(This space for State use only)

# GAVILAN PETROLEUM, INC.

October 19, 1993

Attn: Lisha Cordova
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, UT 84180-1203

OCT 2 0 1993

DIVISION OF OIL, GAS & MINING

#### Dear Lisha:

Enclosed are three copies of each of two Sundry Notices requesting approval of the Change of Operator effective September 1, 1993, for the Pomco #4 and Pomco #5 wells.

Also, effective September 1, 1993, Gavilan Petroleum has a new address and phone number as noted above. Please update your records for this address change also.

If additional information is needed, please do not hesitate to contact me.

Sincerely,

Jay Mealey President

JM/sjb

**Enclosures** 

Form 3160-5 (November 1983) (Formerly 9-331)

> REPAIR WELL (Other)

## UNITED STATES DEPARTMENT OF THE INTERIOR verse side)

NOTICE OF INTENTION TO:

SUBMIT IN TRIPLICATE.

Form approved. Budget Bureau No. 1004-0135 Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

UREAU OF LAND MANAGEMENT	rederal U-/9/8
OKEAO OF EXILO	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	1 0, 12 111,00211, 112,00011111

SUNDRY NOTION OF THE CONTROL OF THE	CES AND REPORIS ON WELLS  to drill or to deepen or plug back to a different reservoir.  TION FOR PERMIT—" for such proposals.)	N/A	
		7. UNIT AGREEMENT NA	XE
OIL X GAS OTHER		N/A	
2 NAME OF OPERATOR		8. FARM OR LEASE NAM	(E
Gavilan Petroleum,	Inc.	N/A	
3. ADDRESS OF OPERATOR		9. WELL NO.	
	uite 550, Salt Lake City, UT 84111	Pomco #5	
A TOSTEON OF WELL (Report location cle	early and in accordance with any State requirements.	10. FIELD AND POOL, OF	R WILDCAT
See also space 17 below.) At surface		Castle Peak	Field
		11. SEC., T., R., M., OR B SURVEY OR AREA	ILK. AND
NW/4 SW/4 Section	17. T9S. R17E	_	
1980' FSL, 660		Section 17	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, ET, GR, etc.)	12. COUNTY OR PARISH	18. STATE
43-013-30499	1	Duchesne	Utah
	propriate Box To Indicate Nature of Notice, Report, or C	other Data	
16. Check Ap			•
VARIOU AN INTENT	STAN TO .   STANFORD	ENT EMPORT OF:	4

PULL OR ALTER CASING WATER SHUT-OFF TEST WATER SHUT-OFF ALTERING CARING PRACTURE TREATMENT MULTIPLE COMPLETE PRACTURE TREAT SHOOTING OR ACIDIZING ABANDON\* SHOOT OR ACIDIZE

(Other) Change of Operator CHANGE PLANS (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Effective September 1, 1993, the Operator of this well will be:

Equitable Resources Energy Company, Balcron Oil Division P O Box 21017 59104 Billings, MT (406) 259-7860

OCT 2 0 1993

DIVISION OF OIL, GAS & MINING

	· · · · · · · · · · · · · · · · · · ·	
18. I hereby certify that the foregoing is true and correct	TITLE President	DATE 10-19-93
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

Form 3160-5 (June 1990)

## UNITED STATES DEPARTMENT OF THE INTERIOR

FOR	M APPR	OVED
Budget Bu	reau No.	1004-013
Expires	: March	31, 1993

BUREAU OF L	AND MAN	AGEMENT	5. Lease Designation and Serial No.
OWNERS NOTICES	AND DED	ODTE ON WELLS	U-7978
SUNDRY NOTICES A  Do not use this form for proposals to dri	6. If Indian, Allonee or Tribe Name		
Use "APPLICATION FOR	RERMIT	" for such proposals	n/a
			7. If Unit or CA, Agreement Designation
SUBMIT	IN TRIPLI	CATE	n/a
I. Type of Well			
Oil Gas Other			8. Well Name and No. POMCO #5
2. Name of Operator	'ompany '	Raleron Mil Division	9. API Well No.
Equitable Resources Energy C  3. Address and Telephone No.	Ullipality,	Date on off bivision	43-013-30499
P.O. Box 21017; Billings, MT	59104	(406) 259-7860	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey De	scription)		Castle Peak Field
NW SW Section 17, T9S, R17E			11. County or Parish, State Duchesne County, UTAH
1980' FSL, 660' FWL			buellesite councy, oran
1980 F3L, 000 FML	N TO INDI	CATE NATURE OF NOTICE, REPO	RT. OR OTHER DATA
	5) 10 11101		
TYPE OF SUBMISSION		TYPE OF ACTION	
Notice of Intent		Abandonment	Change of Plans
		Recompletion	New Construction Non-Routine Fracturing
Subsequent Report	İ	☐ Plugging Back☐ Casing Repair	Water Shut-Off
Final Abandonment Notice		Altering Casing	Conversion to Injection
Pinal Abandonnient Nonce		X Other change of operator	Dispose Water
			(Note: Report results of multiple completion on Completion or Recompletion Report and Log (o
Describe Proposed or Completed Operations (Clearly state algive subsurface locations and measured and true vertice)	I pertinent details	, and give pertinent dates, including estimated date of startin	ig any proposed work. If well is directionally d
RIAS 20020LUSCS TOCSTIONS WITH HISPSTON WING LAG ACTUAL	oup		
Effective September 1, 1993,	, the Ope	rator of this well will be:	VERNAL DIST.
		mpany, Balcron Oil Division	ENG. <u>234 (1-14-43</u>
P.O. Box 21017	J		GEOL.
Billings, MT 59104			E.S
(406) 259-7860			PET.
Operations will be taken over	er from:	Gavilan Petroleum Inc.	
		3030 South Main Street, Sui	te 500A.M
TONE PROPERTY FAMILY	à	Salt Lake City, UT 84115 (801) 466-8960	• "
		(801) 400-8300	
	P.		RECEIVED
DEC 0 1 1993			
			SEP 07 1993
DIVISION OF			
OIL, GAS & MINING	j		

Coordinator of Environmental Date 9-3-93 and Regulatory Affairs Tide

ASSISTANT DISTRICT MANAGER MINERALS Date NOV 2 4 1993

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Division of Oil, Gas and Mining OPERATOR CHANGE HORKSHEET	Rout 109:
Attach all documentation received by the div Initial each listed item when completed. Wr	ite N/A if item is not applicable.  3_VIC  4_RJF/V
XXXChange of Operator (well sold)  ☐ Designation of Operator	☐ Designation of Agent ☐ Operator Name Change Only ☐ Designation of Agent ☐ Operator Name Change Only
The operator of the well(s) listed	below has changed (EFFECTIVE DATE: <u>9-1-93</u> )
TO (new operator) EQUITABLE RESOURCE (address) BALCRON OIL DIV.  PO BOX 21017 BILLINGS, MT 5910	(address) 215 S ST STE 550 SALT LAKE CITY, UT 84111
phone <u>(406 ) 259–7</u> account no. <u>N 989</u>	
Hell(S) (attach additional page if needed)	<b>:</b>
Name:       API: 43         Name:       API:         Name:       API:         Name:       API:         Name:       API:	Sec   Twp   Sec   Twp   Sec   Type:   Sec   Twp   Se
operator (Attach to this for	other <u>legal</u> documentation has been received from <u>former</u> m). (Leg. 9-10-93) (Leg. 10-18-93) (Leg. 10-20-93)  ther <u>legal</u> documentation has been received from <u>new</u> operator 9-7-93)
N/a 3. The Department of Commerce h	as been contacted if the new operator above is not currently . Is company registered with the state? (yes/no) If
(attach Telephone Documenta comments section of this fo	lls ONLY) The BLM has been contacted regarding this change tion Form to this report). Make note of BLM status in orm. Management review of Federal and Indian well operator ior to completion of steps 5 through 9 below.
listed above. (11-30-93)	the Oil and Gas Information System (Wang/IBM) for each well
	for each well listed above. (11-30-93)
7. Well file labels have been u	pdated for each well listed above.(11-3643)
for distribution to State La	on the monthly "Operator, Address, and Account Changes" memonds and the Tax Commission. (11-30-93)
Lec9. A folder has been set up for placed there for reference d	r the Operator Change file, and a copy of this page has been uring routing and processing of the original documents.

PERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.
NTITY REVIEH
Lcl. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.
OND VERIFICATION (Fee wells only)
$\frac{1}{M_A}$ 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no)  Today's date 19 If yes, division response was made by letter dated 19
LEASE INTEREST OHNER NOTIFICATION RESPONSIBILITY
(Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated
2. Copies of documents have been sent to State Lands for changes involving State leases.
FILMING
1. All attachments to this form have been microfilmed. Date: <u>Ocember 7</u> 1993.
FILING
1. Copies of all attachments to this form have been filed in each well file.
2. The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.
COMMENTS
931130 Btm / Vernal Approved 11-24-93.

E71/34-35

	* × ***		
. 2160-5 UNITI	FORM APPROVED Budget Burasu N. 1004-0135 Expires: March 31, 1993		
	AND MANAGEMENT	S. Lease Designation as	
		U-7978	
AND JRY NOTICES A	IND REPORTS ON WELLS	5. If indian, Allettee of	Tribe Name
	or to deepen or reentry to a different reservoir.	t i	
Uta CATION FOR	PERMIT—" for such proposals	n/a	
330		7. If Unit of CA, Agre	ement Designation
SUBMIT	IN TRIPLICATE	n/a	
		٠ ١ ١ ١ ١ ١	
Type of Weil		E. Well Name and No.	
Nell Well Other		Pomco #5	
Name of Operator	Naleman Oil Division	9. API Well No.	
Equitable Resources Energy Co	ompany, Baicron Oil Division	43-013-30499	•
Address and Telephone ito:	•		
P.O. Box 21017; Billings, MT	59104 (406) 259-7860	10. Field and Pool, or	
Location of Well (Footage, Sec., T., R., M., or Survey De		Monument Butte	Green River
•	•	II. County or Parish,	
NW SW Section 17, T9S, R17E	,	<u>.</u>	
1980' FSL, 660' FWL	•	Duchesne Cou	inty, Utah
	WALLE NATURE OF NOTICE PERC	OT OR OTHER	DATA
CHECK APPROPRIATE BOX(	5) TO INDICATE NATURE OF NOTICE, REPO	THE OTHER	7,700
TYPE OF SUBMISSION	- TYPE OF ACTION		and the same of
	<u> </u>	Change of Plans	S
Notice of Intent	Abandonment	New Construction	30.5
	Recomplation	Non-Remine Fr	10.4
Subsequent Report	Plugging Back	Water Shut-Off	i '
	Casing Repair	Conversion to 5	j
Final Abandonmenta Votice	Alloring Spill report		1
	Other Spill report	Dispose Water	multiple completion on Wall
		Completion of Arramyl	hion Report and hug (utilis)
. Describe Proposed or Completed Operations (Clearly state a	Il partinent details, and give pertinent dates, including estimated date of start	ing any proposed work. If w	ell is directionally drilled,
give subsurface locations and measured and true voni	eal depths for all markers and zones pertinent to this work.)*	,	1
- <del>                                     </del>			
On January 27, 1995, a spill	of approximately 5 BO was discovered	ion this well	que to a
flowline leak All was conta	ained around the wellhead. The leak	nas been repa	irea ajju
cleanup has been completed.	The oil and soil will be taken to Ar	INICK'S DISPOS	
	. •,		A.
Notifications by FAX and mai	l were made to the following:		
•			
Bureau of Land Management	, Vernal District (Jamie Sparger)		İ
Utah Division of Oil, Gas	and Mining (Jim Thompson)		!
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	3		
No. 2	•		
W. C.	$\mathcal{M}_{\mathcal{A}}$		1
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4		· · · · · · · · · · · · · · · · · · ·	
14. I hereby earnly that the foregoing is true and correct	Regulatory and	9	
Signed Dobbie Schuman	Tide Environmental Specialist	Date	nuary 30, 1995
(This spece for Federal of State Office use)			
frum sheet int hadden of send offices and)		Date -	
Approved by Conditions of approval, if any:	Title		
CARRILLOUS OF APPLICANT IN BULL			1

be united and withfully to make to say densitiment or esency of the United States any false, figuidous or fraudulent statements

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPI	TCATTON	FOR	INJECTION	WELL	_	UTC FORM	1
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2 (396

	Equitable Resources Energy Company,
OPERATOR .	Balcron Oil Division
ADDRESS	1601 Lewis Avenue
	Billings, MT 59102

Well name and number: Pomco #5				
Field or Unit name: <u>Beluga Unit</u> Lease no. <u>U-7978</u>				
Well location: QQ NW SW section 17 township 9S range 17E county Duchesne				
Is this application for expansion of an existing project? Yes [] No [4]				
Will the proposed well be used for: Enhanced Recovery? Yes [X] No [] Disposal? Yes [] No [k] Storage? Yes [] No [k]				
Is this application for a new well to be drilled? Yes [] No 🛭				
If this application is for an existing well, has a casing test been performed on the well? Yes [] No [X] Date of test: API number: 43-013-30499				
Proposed injection interval: from 3951' to 5149'  Proposed maximum injection: rate 500 BPD pressure 2100 psig  Proposed injection zone contains [X] oil, [] gas, and/or [] fresh water within %				
mile of the well.  IMPORTANT: Additional information as required by R615-5-2 should accompany this form.				
List of Attachments: <u>Will be filed separately.</u>				
I certify that this report is true and complete to the best of my knowledge.  Name Bobbie Schuman Signature Shue Shuman  Title Regulatory & Environmental Specialist Date November 14, 1995  Phone No. (406) 259-7860				
(State use only) Application approved by Title Approval Date				

Comments:



Michael O. Leavitt Governor Ted Stewart

Executive Director

# DIVISION OF OIL, GAS AND MINING

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax) James W. Carter Division Director 801-359-3940 (Fax) 801-538-5319 (TDD)

April 2, 1996

**Newspaper Agency Corporation** Legal Advertising Tribune Building, Front Counter 143 South Main Salt Lake City, Utah 84111

Re:

Notice of Agency Action - Cause No. UIC-170

#### Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Larraine Platt

Larraine Platt

Secretary

**Enclosure** 





# DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor Ted Stewart Executive Director

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax) James W. Carter 801-359-3940 (Fax)
Division Director 801-538-5319 (TDD)

April 2, 1996

**Uintah Basin Standard** 268 South 200 East Roosevelt, Utah 84066

Re: Notice of Agency Action - Cause No. UIC-170

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Larraine Platt Secretary

Larraine Platt

**Enclosure** 



#### BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

---00000---

IN THE MATTER OF THE

NOTICE OF AGENCY

APPLICATION OF EQUITABLE

**ACTION** 

**RESOURCES ENERGY COMPANY** 

FOR ADMINISTRATIVE APPROVAL OF THE 44-7, 13-8, 24-8, 33-8, 1-8, 11-16,

CAUSE NO. UIC-170

22-16, 13-16, 11-17, POMCO #5,

22-17, 31-17, 42-17, AND 33-17 WELLS LOCATED IN SECTIONS 7, 8,

16 AND 17, TOWNSHIP 9 SOUTH,

RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS CLASS II

INJECTION WELLS

---00000---

#### THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, Pomco #5, 22-17, 31-17, 42-17, and 33-17 wells, located in Section 7, 8, 16 and 17, Township 9 South, Range 17 East, SLM, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10. Administrative Procedures.

The interval from 3190 feet to 5596 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 1856 PSIG with a maximum rate of 500 BWPD.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 2nd day of April 1996.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

Associaté Director, Oil & Gas

#### **Equitable Resources Energy Company** 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, Pomco #5, 22-17, 31-17, 42-17, and 33-17 Wells Cause No. UIC-170

Publication Notices were sent to the following:

Newspaper Agency Corporation Legal Advertising Tribune Building, Front Counter 143 South Main Salt Lake City, Utah 84111

Uintah Basin Standard 268 South 200 East Roosevelt, Utah 84066

Bureau of Land Management 170 South 500 East Vernal, Utah 84078

Equitable Resources Energy Company 1601 Lewis Avenue Billings, Montana 59102-4126

U.S. Environmental Protection Agency Region VIII Attn. Dan Jackson 999 18th Street Denver, Colorado 80202-2466

ine Platt

Secretary

April 2, 1996

Underground Injection Control(UIC)

Permit Application

Supplement Attachment To Form Four

Equitable Resources Energy Company, Western Region
Beluga Unit Waterflood
Duchesne County, Utah

#### Table Of Contents

#### List of Figures

Figure #1	Topographic Map - Area of Review
Figure #2	Water Injection Facilities Map
Figure #3	Produced Water Gathering Facilities Map
Figure #4	Surface And Lease Ownership
Figure #5	Produced Water Analysis Report
Figure #6	Johnson Water Supply Analysis Report
	Without Chemical
Figure #7	Johnson Water Supply Analysis Report
	With Chemical
Figure #8	Pressure Build Up Test
	•

### List of Exhibits

Exhibit-A	Area of Review Well List						
Exhibit-B	Well Data Sheets and Scout Cards						
Exhibit-C	Individual Sand Isopach Maps						
Exhibit-D	Well Perforation Intervals						
Exhibit-E	Fracture Pressure Data						
Exhibit-F	Packer Fluid Recommendation						
Exhibit-G	Core Analysis						
Exhibit-H	Proposed Injection Well Surface Equipment						
Exhibit-I .	Proposed Injection Well Completion Diagrams						
Exhibit-J	Plugging and Abandonment Diagrams						
Exhibit-K	Evidence of Finanical Ability						
Exhibit-L	Existing EPA Permits Held by Equitable						
	Resources Energy Company						

Underground Injection Control (UIC)

Permit Application

Supplement Attachment To Form Four

Company:

Equitable Resources Energy Company (EREC)

Project:

Beluga Unit Waterflood Monument Butte Field

Section 7,8,16,17, & 18, T9S, R17E

Duchesne County, Utah

#### A) AREA OF REVIEW METHODS.

 The area of review is a fixed radius of 1/4 mile from the proposed Unit boundary and/or proposed injection wells. This area of review was selected to ensure that any future development in this area would be covered.

#### B) MAPS OF WELLS/AREA & AREA OF REVIEW.

1) Figure #1 - Topographic Map showing the area of review. A 1/4 mile radius from the proposed injection wells is outlined with all wells in the prescribed area located and identified.

Refer to Exhibit-A for a list of wells within the area of review.

- 2) Figure #2 Proposed Water Injection Facilities Map.
- 3) Figure #3 Proposed Produced Water Gathering Facilities Map.
- 4) Figure #4 Surface and lease ownership map.

  All surface within the area of review is owned by the Bureau of Land Management except for Section 16, T9S, R17E which is owned by the State of Utah.

#### C) CORRECTIVE ACTION PLAN AND WELL DATA.

1) A tabulation of well data is presented for each well within the area of review, refer to Exhibit-B, well data sheets & scout cards. Note that the proposed area of review for the Beluga Unit overlaps with the approved area of review for the Jonah Unit (Operated by Equitable Resources Energy Company) and Pleasant Valley Unit (Operated by Enserch Exploration Inc.). Please refer to the approved UIC permits for details on the wells in these areas.

Jonah Unit Pleasant Valley Unit Area Permit Number UT2642 Area Permit Number UT2771

2) It is proposed to inject water into multiple sands of the Green River Formation using injection packer assemblies which will be landed on tubing. The annulus of the proposed injection wells will be filled with a protective corrosion inhibitor and the backside pressure will be monitored daily. If abnormal backside pressure is detected the well will be pulled to determine the source of the leak.

#### D) MAPS AND CROSS SECTIONS OF USDW.

-Does not apply to Class Two injection wells.

#### E) NAME AND DEPTH OF USDW.

1) There are no underground sources of drinking water or water wells in

the area of review. No fresh water sources will be affected by these water injection operations. The top of the saline water bearing horizon in this area is 4800 feet to 5000 feet mean sea level which falls in the Uintah Formation. This information was provided by Gil Hunt with the Division of Oil, Gas, & Mining, State of Utah. The average MSL elevation for the area of review is 5350 feet which basically puts the top of the saline water horizon at surface to approximately 500 feet. There have been no fresh water bearing zones encountered in this area of review.

#### F) MAPS AND CROSS SECTIONS OF GEOLOGIC STRUCTURE OF AREA.

- Does not apply to Class Two injection wells.

#### G) GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES.

- 1) The flooding objectives of the proposed Beluga Unit waterflood are lenticular channel sandstones which are distributed throughout the Douglas Creek Member of the Green River Formation. These sands occur over 1550 feet of vertical section at an average depth range of 3750 feet to 5300 feet. They exhibit a fining upward grain size, typical of fluvial channel deposits, with an average thickness of 15 feet. Due to the multiple potential waterflood horizons in the Douglas Creek Member, Equitable Resources Energy Company is requesting approval to inject water into any or all of the occurring sands within this interval. Refer to Exhibit-C for individual sand isopach maps.
- 2) For specific injection intervals please refer to the perforation intervals of each proposed injection well outlined in Exhibit-D and the welldata sheets and wellbore diagrams provided in Exhibit-B.
- 3) Estimated Formation Tops: See Type Log for the Paiute Federal #43-8

Uintah FormationSurface to 1450 ft.Green River Formation1450 ft to 5400 ft.Douglas Creek Member4560 ft to 5400 ft.Douglas/Wasatch Transition5400 ft to 5950 ft.Wasatch Formation5950 ft.

Note: The Douglas Creek interval is shown as a member within the Green River Formation.

- 4) The confining zones for the proposed injection intervals consists of mixed continental and lacustrine shales. The Douglas Creek Member is primarily interbedded sand stringers and shale which will act as isolation barriers for the waterflood. The top confining zone is the shales of the Green River Formation and the bottom confining zone is the shales of the Wasatch Formation. Refer to the Type Log for the Beluga Unit area which has been submitted with this permit.
- 5) The injection interval water quality is an analysis of the produced water from the Paiute Federal #11-17. This sample represents an average of the produced water from the Beluga Unit wells. The analysis shows 11,800 mg/l chloride, 9,471 mg/l sodium, and 25,085 mg/l TDS. Refer to Figure-5 for the produced water analysis report.
- 6) The average fracture gradient for the Douglas Creek Member sands is 0.876627 psig/ft. This is an average of all the frac gradients calculated from jobs performed on all zones in the Beluga Unit. Refer to Exhibit-E for pressure and gradient data.
- 7) Calculations for the submitted frac gradients are based on the initial shut in pressures obtained from the frac jobs performed on the Beluga Unit wells. Fracture treatment records show that the frac sand was

displaced with 2% KCl water. The hydrostatic gradient for the 2% KCl water was calculated at 0.43836 psig/ft. This gradient was used to calculate the hydrostatic head of the KCl water and was added to the ISIP. The fracture gradient was then calculated by dividing the sum of these pressures by the average of the perforation depth.

Frac Gradient = (ISIP + 0.43836 psig/ft(Depth))/Depth

- 8) Cement Bond Logs for the proposed water injection wells and a Beluga Unit Type Log have been enclosed. Cement bond logs for the newly drilled wells will be submitted to the EPA as soon as available.
- 9) The proposed water injection wells were drilled with a rotary rig using a conventional water based mud and/or an air mist to an average total depth of 5800 feet. Production casing was run through the productive sands of the Green River Formation and cemented to a point well above the upper most sand. The wells were then perforated, hydraulically fractured, and put on production. Refer to the welldata sheets presented in Exhibit-B for specific completion details of each well.

#### H) OPERATING DATA.

- Average water injection volume of 250 STBWPD. Maximum water injection volume of 500 STBWPD.
- 2) EREC is requesting a maximum injection pressure of 1856 psig based on fracture pressure gradient calculations until step rate test studies can be performed. The average fracture gradient for the Douglas Creek Member sands is calculated at 0.876627 psig/ft. This is an average of all the frac gradients calculated from jobs performed on all zones in the Beluga Unit. However, due to the difference in depth and fracture gradients between the Y-Zones and R-Zones EREC is requesting a maximum injection pressure of 1856 psig based on the fracture gradient and depth of the Y-Zones. The average fracture gradient for the Y-Zones only is calculated at 0.898974 psig/ft. Using the average depth of the shallowest Y-Zone perforations of 3982 feet, the formation parting pressure is calculated at 1856 psig for the Y-Zones. The average fracture gradient for the remaining zones (Excluding Y-Zones) is calculated at 0.866360 psig/ft. Using the average depth of the shallowest perforations for the remaining zones of 4553 feet, the formation parting pressure is calculated at 1973 psig. Thus, by using the lesser of the two calculated formation parting pressures of 1856 psig for a maximum injection pressure, it is reasonable to assume that the formation will not propagate a fracture during injection operations.
- 3) The annulus of the proposed injection wells will be filled with a protective corrosion inhibitor (Cortron R-2383) supplied by Champion Technologies, Inc. The recommended chemical will be mixed with fresh water at a concentration of two percent by volume. A diesel blanket of approximately one barrel will be placed on the backside to prevent the valves from freezing. Refer to Exhibit-F for the recommendation of packer fluid.
- 4) The injection water for the Beluga Unit waterflood will be fresh potable water supplied by Johnson Water Association out of Myton, Utah. This water will be piped from the Johnson water facility approximately 7.5 miles to the Jonah Unit through a six inch fiberglass water supply line which is owned and operated by EREC. It is proposed to extend this line approximately two miles to the Beluga Unit waterflood facilities. The source for this water supply is the Starvation Reservoir which is owned by the Bureau of Reclamation, Central Utah Project. The water is gathered from the Strawberry and Duchesne Rivers into the reservoir just west of the city of Duchesne, Utah and sold accordingly. The analysis for this

water shows 1200 mg/l chloride and 2548 mg/l TDS with a specific gravity of 1.005. Chemicals will be added to the water to reduce oxygen and to prevent corrosion and scaling. The proposed chemicals will be supplied by Champion Technologies out of Vernal, Utah. Refer to Figure-6 and Figure-7 for the analysis of the Johnson water supply.

5) As the waterflood progresses and water breakthrough occurs, it is proposed to inject the produced water back into the reservoir. When it is time to inject this produced water the EPA will be notified via letter and a water analysis will be submitted.

#### I) FORMATION TESTING PROGRAM.

- 1) The porosity of the injection sands averages approximately 12% with a permeability range from 0.1 to 16 millidarcy. The porosity is determined using compensated neutron/density porosity logs and core analysis. The core analysis is from the Allen Federal #34-5, Paiute Federal #24-8, and the Paiute Federal #34-8. The Allen Federal #34-5 well is located outside the Beluga Unit waterflood boundary and the other two are within the unit. These wells represent similar conditions for depositional environment, and reservoir characteristics for the Beluga Unit. Refer to Exhibit-G for the core analysis.
- 2) A mechanical integrity test will be conducted on all proposed water injection wells prior to injection. The casing will be integrity tested by setting a tubing conveyed packer just above the perforations and pressuring the annulus to 1000 psig. The pressure will be held for a one hour test. The results of the mechanical integrity tests will be submitted to the EPA prior to water injection.
- 3) Fracture treating rates, average and maximum pressure, ISIP, and frac gradients have been tabulated for the Beluga Unit and are presented in Exhibit-E and on the welldata sheets in Exhibit-B.
- 4) The present reservoir pressure through out the Beluga Unit ranges from a normal pressured reservoir at 2100 psig to depleted conditions at 900 psig. Refer to Figure-8 for a recent pressure build up test performed on the Monument Federal #42-17 in the R2 zone.
- 5) A step rate test will be performed on at least one proposed injection well to determine the formation parting pressure and to more accurately define the maximum allowable injection pressure. It is proposed to perform individual step rate tests on the Y-Zones and R-Zones to better understand the differences in formation parting pressures and to assure that the maximum requested injection pressure does not propagate fractures in any zone during the injection operations.

#### J) STIMULATION PROGRAM.

- Refer to individual well data sheets for well stimulation and fracture data.

#### K) INJECTION PROCEDURES.

- 1) The injection procedure for the Beluga Unit waterflood will be as follows:
  - Water from the Johnson Water Association and/or produced water will be piped to the proposed water injection plant located at the Paiute Federal #24-8 well location.
  - The water will be filtered with 50 and 10 micron filters before entering the water storage tanks at the water injection plant.
  - Chemical will be added for oxygen, corrosion, and scaling.
  - A triplex injection pump will be used to pressurize the water to approximately 2300 psig plant pressure.
  - The pressurized water will travel through an injection manifold and

out to the well feed lines.

- Each feed line will supply one injection well.
- Each injection well will be equipped with a flowmeter, choke valve check valve, water filter, tubing and casing annulus pressure gauge.
- The water will be filtered with 5 micron filters before entering the tubing.
- The water will pass down the tubing, past the packer to the perforations.
- Tracer profiles will be run approximately every 6 months which will indicate the percentage of water exiting each set of perforations.
- 2) The injection facility will be equipped with pressure monitoring and safety shut-down devices to protect against high or low pressure failures. It will also have tank level, oil, temperature, and other safety shut-down devices.

#### L) CONSTRUCTION PROCEDURES.

1) It is proposed to drill or re-enter the following wells:

Drill the Monument Federal #23-17B

Re-enter the Monument Butte Fed. #1-8

Re-enter the State NGC #11-16

NE SW Sec.17, T9S, R17E

NW SW Sec.8, T9S, R17E

NW NW Sec.16, T9S, R17E

- 2) The Monument Federal #23-17B will be drilled and completed similar to the Monument Federal #13-16B, #22-16B, #23-16B, and #33-17B wells. The well will be completed as an oil production well.
- 3) The Monument Butte Federal #1-8 and State NGC #11-16 will be re-entered using a workover rig and power swivel. The wells will be cleaned out to plugback TD and recompleted in additional zones. Refer to the wellbore diagrams presented in Exhibit-B and the proposed injection well diagrams presented in Exhibit-H.

#### M) CONSTRUCTION DETAILS.

- 1) Refer to Exhibit-I for the proposed well surface injection equipment.
- 2) Refer to Exhibit-B for welldata sheets, wellbore diagrams, and scout cards for all wells in the proposed area of review. Refer to Exhibit-H for proposed injection well diagrams. Refer to approved UIC area permits for the Jonah Unit (UT2642) and Pleasant Valley Unit (UT2771) for additional information on wells in the overlapping area of reviews.
- 3) A 25'x 30' water injection plant will be constructed on the location of the Paiute Federal #24-8 proposed water injection well. The water injection plant will be equipped with a produced water gathering and filtering system to reinject produced water as required. High pressure steel water injection lines will be laid and buried from the injection plant to each of the proposed water injection wells.
- 4) The injection wells will be equipped with 2 7/8 inch tubing and an Arrow Set-1 packer set in tension to isolate the injection zones. The packer will be set within 100 feet of the top perforation and will be tested for mechanical integrity. Refer to Exhibit-H for proposed packer setting depths of each water injection well.
- 5) Results of mechanical integrity tests and step rate tests will be submitted to the EPA along with well rework forms for each proposed water injection well prior to injection.

#### N) CHANGES IN INJECTION FLUID.

1) As the waterflood progresses and water breakthrough occurs, it is proposed to inject the produced water back into the formation. When

it is time to inject this produced water the EPA will be notified via letter and a water analysis will be submitted. At this time it is not feasible to make estimates as to the volume or quality of the produced water.

#### O) PLANS FOR WELL FAILURES.

1) All injection wells and related facilities will be monitored daily for integrity. The backside pressure will be checked daily and if abnormal backside pressure is detected the well will be investigated to determine the source of the leak. If a casing leak is found the leak will be isolated and squeezed with cement. The casing will be checked for mechanical integrity to ensure that the squeeze job repaired the leak. If a leak cannot be repaired the well will either be returned to production and pumped off or plugged and abandoned according to the procedure outlined in Section-Q.

#### P) MONITORING PROGRAM.

1) The waterflood will be monitored through the existing oil production wells. Each production well will be monitored for waterflood response and records of daily oil and water production will be kept. Fluid levels will be shot when possible to monitor reservoir pressure and flood advancement. Refer to Figure-1 for the location of these oil production wells.

#### Q) PLUGGING AND ABANDONMENT PLAN.

- 1) The P&A plan proposed consists of running into the well with tubing and washing the well out to TD to ensure that the perforations are clear. If the well is not dead, mud will be mixed on location to a sufficient weight for killing the well. The mud will be circulated down the tubing and into the casing until the water has been displaced and/or the well has been killed. The well will then have a balanced cement plug using approximately 260 sacks of class-G cement placed over the Douglas Creek Member of the Green River Formation (i.e. over the perforation interval) from TD to a point at least 300 feet above the uppermost perforation. The top of the first cement plug will be at a depth of approximately 3800 feet. The tubing will be pulled out of the hole and the production casing will be perforated for two feet with four shots per foot at a point 100 feet below the surface casing shoe. Circulation will be established to surface, down the casing & up the annulus via the perforations. Cement will be circulated to fill the production casing and the annulus from the perforations to the surface using 100 sx of class-G cement. The top of the second cement plug will be at the surface and the bottom will be 100 feet below the surface casing shoe. A permanent marker will be set identifying the well name, lease, location, elevation, and plugging date.
- 2) Refer to Exhibit-J for plugging and abandonment plan and diagrams.

#### R) NECESSARY RESOURCES.

 Refer to Exhibit-K for evidence of financial ability to plug and abandon the proposed injection wells.

#### s) AQUIFER EXEMPTION.

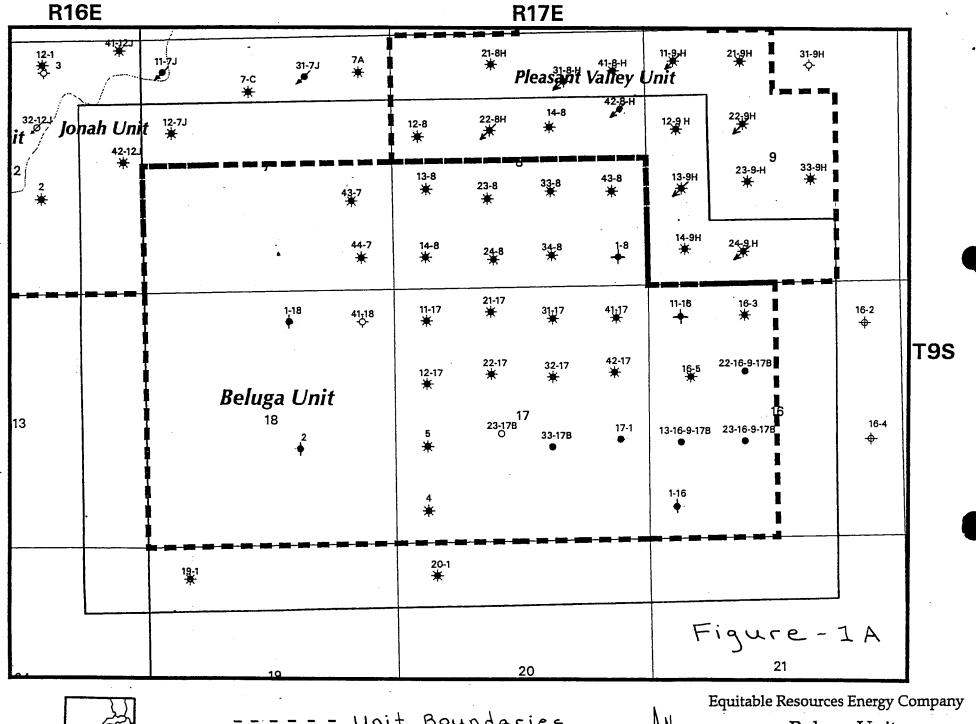
-No aquifer exemption is requested.

#### T) EXISTING EPA PERMITS.

1) Refer to Exhibit-L for existing EPA permits held by Equitable Resources Energy Company, Western Region.

#### U) DESCRIPTION OF BUSINESS.

1) Equitable Resources Energy Company is an independent oil and gas production company located in Billings, Montana. EREC employs engineers, geologists, and a field staff with the knowledge and technical experience required to maintain and operate the proposed facilities.



Wigh

---- Unit Boundaries
---- Area Of Review

AN

Beluga Unit
Figure 1
Duchesne County, Utah
Well spot man/Area of review

PERATOR	EQUITABLE RESOURCES ENER	RGY
	BALCRON OIL DIVISION	

OPERATOR ACCT. NO. 19890

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**★FAX TRANSMITTAL★** 

FAX NO.: (406) 245-1365

TO:

NAME:

Leesha

COMPANY:

Utah, Division of Oil, Gas, & Mining

DATE: C

02-21-96

FROM:

Molly Conrad

Equitable Resouces Energy Company, Balcron Oil Division

1601 Lewis Avenue Billings, MT 59102

Phone: (406) 259-7860 ext 236

TOTAL # OF PAGES 2 (including this cover sheet)

If you do not receive all pages, please call back as soon as possible at (406) 259-7860.

TELECOMMUNICATOR:

mmc

#### SPECIAL INSTRUCTIONS:

Here is a list of the Beluga Unit wells that you requested yesterday. Please let me know when you come up with an Entity Action number for them. The unit was effective 2-1-96, so I will have to change all of my records before reporting February production.

Thanks for your help!!

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all pages to the address shown above. THANK YOU.

FORM 10

STATE OF UTAH DIVISION OF OIL, GAS AND MINING 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 1 of 11

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:			UTAH ACCOUNT NUMBER:							
BALCRON OIL DIVISION EQUITABLE RESOURCES EN 1601 LEWIS AVE	ERGY		REPORT PERIOD (MONTH/YEAR): 12 / 95							
BILLINGS MT 59102-412	6		AMENDED REPORT (Highlight Changes)							
Well Name	Producing	Well	Days	T	Production Volumes					
API Number Entity Location	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER (PRI)				
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4304730070 01260 09S 19E 9	GRRV									
CASTLE PK FED 24-10A										
4301330555 01281 09S 16E 10	GRRV									
HENDEL FED 1-17										
4304730059 01305 09S 19E 17 HENDEL FED 3-17	GRRV									
	CDDV									
4304730074 01305 09S 19E 17 HENDEL FED. 1-9	GRRV									
4304720011 01310 09S 19E 9	GRRV									
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4304731123 01335 09S 19E 5	GRRV									
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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 2 of 11

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:			UTAH ACCOUNT NUMBER: N9890								
BALCRON OIL DIVISION EQUITABLE RESOURCES ENE 1601 LEWIS AVE BILLINGS MT 59102-4126			REPORT PERIOD (MONTH/YEAR): 12 / 95  AMENDED REPORT (Highlight Changes)								
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Vell Name	Producing	Well	Days	Production Volumes							
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4304731554 09885 095 19E 6 PARIETTE BENCH FED 43-6	GRRV										
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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 8 of 11

## MONTHLY OIL AND GAS PRODUCTION REPORT

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Telephone Number:\_

reby certify that this report is true and complete to the best of my knowledge.

ie and Signature:

OPERATOR NAME AND ADDRESS:

### STATE OF UTAH DIVISION OF OIL, GAS AND MINING

355 West North Temple, 3 Triad, Suite 350, Salt (ake City, 117-84180-1203

Page 9 of 11

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:		UTAH ACCOUNT NUMBER: N9890								
BALCRON OIL DIVISION EQUITABLE RESOURCES EN 1601 LEWIS AVE BILLINGS MT 59102-4126			REPORT PERIOD (MONTH/YEAR): 12 / 95  AMENDED REPORT (Highlight Changes)							
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4301331428 11635 095 17E 17	GRRV									
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4301331442 11642 09S 17E 6	GRRV									
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4301331425 11656 09S 17E 2	GRRV									
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4301331452 11679 095 17E 4	GRRV									
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4304732503 11680 09S 18E 5	GRRV									
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STATE OF UTAH

DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Sat: Lake City, UT 84180-1203

Page 10 of 11

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS.			UTAH ACCOUNT NUMBER: N9890								
BALCRON OIL DIVISION EQUITABLE RESOURCES EN 1601 LEWIS AVE	ERGY		report period (month/year): 12 / 95								
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4304732530 11710 085 17E 25	GRRV										
BALCRON FEDERAL 12-22Y											
4301331476 11717 085 17E 22	GRRV										
MONUMENT FEDERAL 33-25											
4304732525 11729 085 17E 25	GRRV										
MONUMENT FEDERAL 23-25											
74732529 11730 08S 17E 25	GRRV										
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reby certify that this report is true and complete to the best of my knowledge.

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<u> ★FAX TRANSMITTAL</u>

FAX NO.: (406) 245-1365

TO:

NAME:

Leesha

COMPANY: DATE: Utah, Division of Oil, Gas, & Mining

02-21-96

FAX #:

FROM:

**Molly Conrad** 

Equitable Resouces Energy Company, Balcron Oil Division

1601 Lewis Avenue Billings, MT 59102

Phone: (406) 259-7860 ext 236

TOTAL # OF PAGES 2 (including this cover sheet)

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TELECOMMUNICATOR:

mmc

#### SPECIAL INSTRUCTIONS:

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all pages to the address shown above. THANK YOU.

STATE OF UTAH DIVISION OF UTL, GAS AND MINING ENTITY ACTION FORM - FORM 6

OPERATOR EQUITABLE RESOURCES ENERGY
ADDRESS BALCRON OIL DIVISION

OPERATOR ACCT. NO. H9890

ACTION	CURRENT	NEW	API NUMBER	WELL NAME		~~~~~	WELL	LOCATIO	Ŋ.	SPUD	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.			90	SC	TP	RG	COUNTY	DATE	DATE
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HELL 4 C	UMHEHTS:		I			<u> </u>	<u> </u>				<u> </u>
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JELL E C	DHHENTS:	<u> </u>				<u> </u>	<u> </u>	<u> </u>			
nece 5 c	J			· ~							
									1	)	
A - B - C - D -	- Establish - Add new w - Re-assign - Re-assign	new entity ell to exist well from a well from a	one existing entit	gle well only) or unit well) y to another existing entity y to a new entity					L. CORDOVA Signature ADMIN. ANA		2-22-
Ε -	- Other (ex	plain in con	www.nents section)						Title		Date '
IOTE: U	se COMMENT	section to o	explain why each /	ction Code was selected.					Phone No. (	<u>)</u>	

A Anderson State #1-16	Monument Butle	CA CA	16	98	17E	Duchesne	UT	Oil (SI)	Io P:	Tan 2400	T	T	·	·
		SW NW	17	9S	17E		+	1(-7	Green River	ML-3453	43-013-15582	680' FSL, 560' FWL		Bekaga
7				<del></del>		Duchesne	υT	Ofi	Green River	UTU-72106	43-013-31431	1980' FNL, 650' FWL	Vernal	Beluga .
		NW SW	8	95	17E	Duchesne	UT	Oit	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Vernei	Beluga
1/	Monument Butte		8	98	17E	Duchenne	<del></del>	Off	Green River	UTU-74108	43-013-31398	660' FSL, 660' FWIL	Verne	Beluga
		NE NW	17	98	17E	Duchesne	UT	Où	Green River	U-3563-A	43-013-31387	500' FNE, 1980' FWL	Vernai	Beluga
/		SE NW	17	98	17E	Duchesne		01	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Vernel	Beluga
/	Munument Butte		17	9\$	17E	Duchesne	-	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #32-17	Monument Butte	SW ME	17	9\$	17E	Ducheane	ŬΤ	Oī.	Green filter	UTU-72106	43-013-31485	1880 FNL, 1980 FEL	Verne	Beluga .
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	98	17E	Duchesne	UT	OII	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Vernal	Beluga
Baicron Monument Fed. #41-17	Monument Buth	NE NE	17	95	17E	Duchesne	υT	O#	Green Kover	UTU-72106	43-013-31466	660' FNL, 660' FEL.	Vernal	Beluga
Salcron Monument Fed. #42-17	Monument Butte	SE NE	17	9\$	17E	Duchasne	UT	Oi	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Vernal	Beluga
Balcon Monument Fed. #43-7	Monument Butte	NE SE	7	98	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Vernal	Beluga
D. Duncen State #16-5	Monument Butte	SW NW	16	98	17E	Duchesne	ហ	Oi	Green River	State ML-3453-B	43-013-30570	1922' FNL, 885' FWL	<del>                                     </del>	Bekuza
DMD Federal #17-1	Monument Butte	NE SE	17	98	17E	Duchesne	υT	OI (SI)	Green River	U-44430	43-013-30689	2059 FSL 0584 FEL	Vernal	Beluga
Federal #1-18	Monument Butte	NW NE	18	98	17E	Duchesne	υT	OSI	Green River	U-3563	43-013-30332	636 FNL 2186 FEL	Venai	Beluga
Magas Federal #23-8	Monument Butte	NE SW	В	98	17E	Duchesne	υT	Oil	Green River	UTU-74108	43-013-31196	1847 FSL 1947 FWL	Venal	Belupa
Mocon Federal #44-7	Montanent Bulle	SE SE	7	98	17E	Ducheane	υT	Oit	Green River	U-3563-A	43-013-30666	670 FSL 683 FEL	Venal	Betuce
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	98	17E	Duchesne	UT	PND	Green River	UTU-74108		2217 FSL, 2187 PWL	Vernal	Beluce
Monument Federal #33-17-9-17B	Monument Buttle	NW SE	17	98	17E	Ducheme	UT	PND	Green River	U-72106		1926 FSL 2000 FEL	Vernal	Beluga
Monument State #13-16-9-17B	Monument Butte	MM SM	16	98	17E	Duchesne	UΤ	PND	Green River	State ML-3453-B	43-013-31580	1980' FSL 680' FWL	-	Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16	9\$	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL		Beluga
Monument State #23-16-9-17B	Monument Butte	NE SW	16	98	17E	Duchesne	IJΤ	PND	Green River	State ML-3453-B	43-013-31578	1980 FSL 1980 FWL	<del> </del>	Beluga
Paide Federal #11-17	Monument Butte	NW NW	17	98	17E	Duchesne	ÜΤ	Oil	Green River	U-3563-A	43-047-30516	861' FNL 664' FWL	Vernal	Beluga
Painte Federal #24-8	Morument Butte	SE SW	8	9\$	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675	580' FSL. 1980' FWL	Vernal	Beluga
Paiute Federal #34-8	Monument Butte	SW SE	8	98	17E	Duchesne	UΤ	Oil	Green River	UTU-74108	43-013-30778	660" FSL, 1960" FEL	Vernal	Belura
Painte Federal #43-8	Monument Butte	NE SE	8	95	17E	Duchesne	ŬΤ	Oil -	Green River	UTU-74108	43-013-30777	1958 FSL, 711' FEL	Vernal	Beluga
POMCO#2	Monument Butte	NW SE	18	98	17E	Duchesne	IJΤ	ОТА	Green River	U-3563	43-013-30505	1980' FSL 1980' FEL	Vertrai	Beluga
POMCO #4	Monument Butte	SW SW	17	9\$	17E	Duchesne	υT	Oil	Green River	UTU-74108	43-103-30506	660' FSL, 560' FWL	Vernal	Beluga
POMCO#5	Monument Butte	NW SW	17	95	17E	Ducheane	ST.	Oil	Green River	UTU-74108	43-013-30499	1980' FSL 660' FWL	Vernal	Beluga
Sue Morris #16-3	Morrument Butte	NE NW	16	98	17E	Duchesne	UT		Green River	State ML-3453-B		660' FNL 1980' FWL		Beluga Beluga

N4940-Enserch Explor. Inc.
(Open.chy. in Progress)

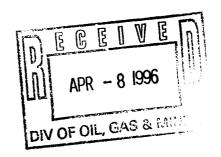
N8395-Prod. Licevery Corp. (Open. Chg. in Progress)



1601 Lewis Avenue Billings, MT 59102 Office: (406) 259-7860 FAX: (406) 245-1365 FAX: (406) 245-1361 \textstyle{\textstyle{\textstyle{1}}}

March 22, 1996

Utah Division of Oil, Gas and Mining 355 West North Temple Salt Lake City, UT 84180



#### Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman Regulatory and

Environmental Specialist

/hs

Enclosures

	ST. OF UTAH		
FORM 9 4	DIVISION OF OIL, GAS AND MININ	NG T	
•			5. Lease Designation and Serial Number: See attached listing
SUNDR	6. If Indian, Allottee or Tribe Name: n/a		
Do not use this form for pr Use AF	7. Unit Agreement Name: See attached listing		
1. Type of Well: OIL GAS	8. Well Name and Number: See attached listing		
2. Name of Operator: Equitable Re	9. API Well Number: See attached listing		
3. Address and Telephone Number: 1601 Lewis A	10. Field and Pool, or Wildcat: See attached listing		
4. Location of Well Footages: S	ee attached listing		county: See attached list
QQ, Sec.,T.,R.,M.:			State: UTAH
11. CHECK APPE	ROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPOR	T, OR OTHER DATA
• • • • • • • • • • • • • • • • • • • •	FICE OF INTENT ubenit in Duplicate)		JENT REPORT Iginal Form Only)
Abandon	☐ New Construction	☐ Abandon *	☐ New Construction
☐ Repair Casing	☐ Pull or Alter Casing	☐ Repair Casing	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recomplete	☐ Change of Plans	☐ Reperforate
☐ Convert to Injection	☐ Reperforate	☐ Convert to Injection	☐ Vent or Flare
☐ Fracture Treat or Acidize	☐ Vent or Flare	☐ Fracture Treat or Acidize	☐ Water Shut-Off
☐ Multiple Completion	change		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL

COMPLETION OR RECOMPLETION REPORT AND LOG form.

Must be accompanied by a cement verification report.

Regulatory and

Regulatory and

Title: Environmental Specialist Date: March 27, 1996

(This space for State use only)

Approximate date work will start

OPERA	TOR CHANGE H	ORKSHEET					1 LEB 7-SJ
				egarding this chang if item is not app			2-DESS8-FILE 3-VLD4 G11 A-4-RJE
	nge of Opera ignation of (			□ Designation KKOperatoraNam		₩.	5-1EG 6-FILM
The o	perator of th	he well(s)	listed below h	nas changed (EF	FECTIVE DATE	: <u>4-1-96</u>	)
TO (ne		1601 LEWIS BILLINGS N	S AVE IT 59102-4126 S ) 259-7860	RGY COEROM (for	mer operator (address	BALCRON 1601 LEV BILLINGS phone (4	LE RESOURCES ENERGY OIL DIVISION VIS AVE S MT 59102-4126 106)259-7860 no. N 9890
	) (attach addi						
Name:	**SEE ATTACE	HED**	API:013-304	199 Entity:	Sec Tv	vpRng	_ Lease Type: _ Lease Type:
Name:			API:	Entity:	SecTw	vpRng	_ Lease Type:
Name:			API:	Entity:	Sec Tw	vo Rna	_ Lease Type:
Name:			API:	Entity:	Sec Tw	vpRng	_ Lease Type:
Name:			API:	Entity:	Sec Tw	vo Rna	_ Lease Type:
Name:			API:	Entity:	SecTw	rpRng	_ Lease Type:
Name:			API:	Entity: Entity:	SecTw	rpRng	
,	operator (A	ttach to t 8–10) Sund	his form). <sub>Cfect</sub> ry or other <u>le</u>	y 4-4-96 s. 4-8-96	/		eived from <u>former</u> from <u>new</u> operator
<u>N/A</u> 3.	The Departmoperating a	ent of Com	merce has been	company registe	the new oper red with the	ator above state? (	e is not currently (yes/no) If
	(attach Tel comments se changes show	lephone Do ection of uld take p	cumentation Fo this form. Ma lace prior to	orm to this r anagement revie completion of s	eport). Mal w of F <b>edera</b> tens 5 throu	ke note o <b>l and Ind</b> gh 9 below	rding this change of BLM status in ian well operator v.
Lec 5.	Changes have	e been ent e. <i>(4-10-91</i> )	ered in the Oi	1 and Gas Info	rmation Syste	em (Wang/I	BM) <del>for each well</del>
<u>Lie</u> 6.	Cardex file	has been (	ipdated for eac	ch well listed	above. (4-11-90	47	
				for each well l			
LC8.	Changes have for distribu	e been inc ution to St	luded on the r ate Lands and	nonthly "Operat the Tax Commis	or, Address, sion. <i>(4<sub>-10-90</sub></i>	and Acco	unt Changes" memo
<u>lic</u> 9.	A folder has placed there	s been set e for refer	up for the Op ence during ro	perator Change outing and proc	file, and a essing of th	copy of t e original	his page has been documents.

C(

Division of Oil, Gas and Mining

OPERATOR	CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.
ENTITY	REVIEH
	(Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (If entity assignments were changed, attach <u>copies</u> of Form 6, Entity Action Form).
	State Lands and the Tax Commission have been notified through normal procedures of entity changes.
BOND VE	RIFICATION (Fee wells only) # 5578314 (\$80,000) Seleco Ins. Co. (Bond Rider In Progress)
	(Rule_R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. /	A copy of this form has been placed in the new and former operators' bond files.
N/A 3.	The former operator has requested a release of liability from their bond (yes/no)  Today's date 19 If yes, division response was made by letter dated 19
LEASE II	NTEREST OHNER NOTIFICATION RESPONSIBILITY
1	(Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
	Copies of documents have been sent to State Lands for changes involving State leases.
FILMING 1. A	All attachments to this form have been microfilmed. Date: MM 20 1910.
FILING	
1. <u>c</u>	Copies of all attachments to this form have been filed in each well file.
	The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.
COMMENTS	
WE71/34-	-35

# STATE OF UTAH DIVISION OF OIL, GAS AND MINING 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 10 of 11

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:			UTAH ACCOUNT NUMBER:N9890							
BALCRON OIL DIVISION EQUITABLE RESOURCES END 1601 LEWIS AVE BILLINGS MT 59102-4126			REPORT PERIOD (MONTH/YEAR): 3 / 96							
			AMENDED REPORT (Highlight Changes)							
Well Name	Producing	Well	Days		Production Volumes					
API Number Entity Location	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER(BBL)				
A ANDERSON STATE 1-16 4301315582 11880 095 17E 16 FEDERAL 1-18	GRRV									
4301330332 11880 095 17E 18	DGCRK									
POMCO #5 4301330499 11880 095 17E 17 POMCO #2	GRRV									
4301330505 11880 09S 17E 18	GR-WS									
POMCO #4 4301330506 11880 095 17E 17	GRRV									
PAIUTE FED 11-17 01330516 11880 095 17E 17	GRRV									
SUE MORRIS 16-3										
4301330562 11880 09S 17E 16	GRRV	<del></del>	-			·				
4301330570 11880 09S 17E 16 MOCON FED 44-7	GRRV		<u> </u>							
4301330666 11880 09S 17E 7	GRRV				·					
4301330675 11880 095 17E 8	GRRV			·						
FEDERAL D M D 17-1 4301330689 11880 095 17E 17	GRRV									
₩AIUTE FEDERAL 43-8 4301330777 11880 095 17E 8	GRRV									
✓PAIUTE FEDERAL 34-8 4301330778 11880 095 17E 8	GRRV									
			TOTALS							
•										
OMMENTS:		·- <del></del>	<b>,</b>							
hereby certify that this report is true and complete to the best of my knowledge.  Date:										
lame and Signature:	······				Telephone Number:					
12/93}										

Monument Federal #33-22-8-17	Monument Butte	NW SE	22	88	17E	Duchesne	UT	PND	Green River	U-67845	T	2295' FSL, 1950' FEL	Vemal	
Monument Federal #41-18-9-16Y	Monument Butte	NE NE	18	98	16E	Duchesne	UT	PND	Green River	U-74390		1200 1 02, 1000 1 22	Vernal	+
Monument Federal #41-35-9-18Y	Monument Butte	NE NE	35	98	18E	Uintah	UΤ	PND	Green River	U-68618		500' FNL, 660' FEL	Vernal	<del> </del> -
Monument Federal #42-6-9-16Y	Monument Butte	SE NE	6	98	16E	Duchesne	υT	PND	Green River	U-74390		1000 1 1121 000 1 22	Vernal	<del> </del>
Monument Federal #42-20-9-16	Monument Butte	SE NE	20	98	16E	Duchesne	υT	PND	Green River	U-52108	<del> </del>		Vernal	<del> </del>
Monument Federal #43-6-9-16Y	Monument Butte	NE SE	6	98	16E	Duchesne	UT	PND	Green River	U-74390	<del>                                     </del>		Vernal	<del>                                     </del>
Monument Federal #43-19-9-18Y	8 Mile Flat	NE SE	19	98	18E	Uintah	UT	PND	Green River	U-65635	<del>                                     </del>	2140' FSL, 500' FEL	Vemai	<del></del>
Monument Federal #44-17-9-16	Monument Butte	SE SE	17	98	16E	Duchesne	υT	PND	Green River	U-52108	<del></del>	2140 1 OC, 300 1 EE	Vernal	
Monument Federal #44-31-8-18Y	Monument Butte	SE SE	31	85	18E	Uintah	UΤ	PND	Green River	U-65969	<del> </del>	915' FSL, 759' FEL	Vemal	-
Monument State #13-16-9-17B	. Monument Butte	NW SW	16	98	17E	Duchesne	υT	PND	Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL	Vernan	Paluas
Monument State #22-16-9-17B	. Monument Butte	SE NW	16	9\$	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL		Beluga
Monument State #23-16-9-17B	Monument Butte	NE SW	16	98	17E	Duchesne	UΤ	PND	Green River	State ML-3453-B	43-013-31578	1980' FSL, 1980' FWL	+	Beluga
Monument State #31-2-9-17	Monument Butte	NW NE	2	98	17E	Uintah	UT	PND	Green River	State ML-45555	43-013-31563			Beluga
Paiute Federal #11-17	Monument Butte	NW NW	17	·	17E	Duchesne	UΤ	Oil	Green River	U-3563-A	43-047-30516	500' FNL, 1980' FEL 661' FNL, 664' FWL	14	0.1
Paiute Federal #24-8	Monument Butte	SE SW	8	98	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675	<del></del>	Vernal	Beluga
Paiute Federal #34-8	Monument Butte	SW SE	8	95	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778	660' FSL, 1980' FWL	Vemal	Beluga
Paiute Federal #43-8	Monument Butte	NE SE	В	98	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777	660' FSL, 1980' FEL	Vernal	Beluga
Pariette Bench #4 SWD	Pariette Bench	SW SE	7	98	19E	Uintah	UT	SWD	Green River	U-017992	<del></del>	1958' FSL, 711' FEL		Beluga
Pariette Bench Federal #14-5	Pariette Bench	SW SW	5	98	19E	Uintah	UT.	Oil	Green River	U-017992	43-047-15681	660' FSL, 1980' FEL	Vemal	Pariette Bench
Pariette Bench Federal #32-6	Pariette Bench	SW NE	6	98	19E	Uintah	UT	osi	Green River	U-50385	43-047-31123	605' FSL, 479' FWL	Vernal	ļ
Pariette Bench Federal #41-7	Pariette Bench	NE NE	7	98	19E	Uintah	UΤ	Oil	Green River		·	2117' FNL, 2123' FEL	Vernal	<del> </del>
Pariette Bench Federal #43-6	Pariette Bench	NE SE	6	98	19E	Uintah	UT.	Oil	Green River	U-017992	43-047-31584	1008' FNL, 1282' FEL		Pariette Bench
Pariette Bench Unit #2	Pariette Bench	SW NE	7	98	19E	Uintah	υT	Oil	<del>                                     </del>	U-017992	<del></del>	2044' FSL, 721' FEL	Vemal	
POMCO #2	Monument Butte	NW SE	18	98		Duchesne	UT	OTA	Green River	U-022684-A	43-047-15680	2030' FNL, 1830' FEL	Vemal	Pariette Bench
POMCO #4	Monument Butte	SW SW	17	98		Duchesne	+	Oil	Green River	U-3563	43-013-30505	1980' FSL, 1980' FEL		Beluga
POMCO #5	Monument Butte	NW SW	17	95		Duchesne	+	Oil	Green River	UTU-74108	43-103-30506	660' FSL, 660' FWL		Beiuga
State #16-2	Monument Butte	NE NE	16	98	17E	Duchesne	+	OSI	Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Vernal	Beluga
Sue Morris #16-3	Monument Butte	NE NW	16	98	17E	Duchesne	+		Green River	State ML-3453-B		871' FNL, 748' FEL	ļ <u>.</u>	
TXO Federal #1	Coyote Basin	SW NE	5	85	25E	Uintah	+	OSI Oil	Green River	State ML-3453-B		660' FNL, 1980' FWL	<del> </del>	Beluga
IXO Federal #2	Coyote Basin	SW SE	5	8S		Uintah	+		Green River	U-41376		1918' FNL, 1976' FEL		Coyote Basin
Walton Federal #1	Monument Butte	SE SE	11	98			+	OTA	Green River	U-41376		2085' FNL, 819' FEL		Coyote Basin
Walton Federal #2-14	Monument Butte	NW NE	14	98		Duchesne	+	Oil		U-096550		706' FSL, 704' FEL	Vemal	Jonah
Walton Federal #34-11	Monument Butte	SW SE				Duchesne		Oil		U-096550		542' FNL, 1869' FEL	Vemai	Jonah
Valton Federal #4-11	Monument Butte		11	98		Duchesne	<del> </del>			U-096550		537' FSL, 2092' FEL	Vernal	Jonah
	monument butte	SE NW	11	98	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15795	1980' FNL, 1975' FWL	Vernal	Jonah

#### 143 SOUTH MAIN ST. P.O. BOX 45838 SALT LAKE CITY, UTAH 84145 FED. TAX I.D. # 87-0217663



CUSTOMER'S COPY

> 2626 Hertford St. Selt Lake City, UT 84108

My Commission Expires March 31, 2000 STATE OF UTAH

#### PROOF OF PUBLICATION

CUSTOMER NA	ME AND ADDRESS	ACCOUNT NUMBER	
DIV OF OIL, GA	S & MINING	D5385340L-07	04/11/96
355 WEST NORTH			
3 TRIAD CENTER SLC.	#350 UT 84180		
~_~ <b>,</b>			

	DIV OF OIL, GAS & MINING								
	TELEPHO		INVOICE NUMBER	(n)					
	801-538-53								
		SCHEDULE							
	STA	RT 04/11/9		C					
		CUST	. REF. NO.						
			UIC-170						
		C	APTION						
NOT	CE OF AGENCY ACTION	OTICE OF	AGENCY ACTIONCAUSE N						
	CE OF AGENCY ACTION (COTE) CAUSE NO. UIC 170 VISION OF OIL GAS AND MINING. NATURAL RESOURCES, STATE OF UTAH								
THE MATTER OF THE VERGY COMPANY FO 1-8, 24-8, 33-8, 1-8, 11	APPLICATION OF EQUITABLE RESOURCES OR ADMINISTRATIVE APPROVAL OF THE 44-7, -16, 22-16, 13-16, 11-17; POMCO #5, 22-17, -17 WELLS LOCATED IN SECTIONS 7, 8, 16 SOUTH, RANGE 17 EAST, SLIM, DUCHESNE SECTION WELLS SALE.	47 LINE	S 2.00 COLUMN RATE						
			1.64						
E STATE OF UTAH TO	given that the Division of Oil, Gas and Is commencing an informat adjudicative for the application of Equitable Resources administrative approval of the 44-7, 13-8, 22-16, 13-16, 11-17, POMCO # 5, 22-17, 731-7, 91 F 631, 51.M., Duchesne County, Utoh, sall injection wells. The proceeding will be drace with Utoh Administrative Applications with Utoh Administrative Applications with Utoh Administrative Applications with Utoh Administrative Applications with Utoh Administrative Applications with Utoh Administrative Applications with Utoh Administrative Applications with Utoh Administrative Applications with Utoh Administrative Applications with Utoh Administrative Applications and Applications with Utoh Administrative Applications and Applications	ES	AD CHARGES						
Ining (the "Division" roceeding to considering Company for	is commencing an informal adjudicative for the application of Equitable Resources administrative approval of the 44-7, 13-8,		154.16						
l-8, 33-8, 1-8, 11-16.) 7, 42-17, and 33-17 1, whip 9 South, Rar 7 conversion to Cla	wells located in Sections (18,16 and 17, me 17 East; S.L.M., Duchesne County, Utah, ss.ll injection wells. The proceeding will be		TOTAL COST						
onducted in accordative Procedures.	Ichice with utan Admiru P. 649-10, Adminis-	* · ·	154.16						
on) will be selective num requested injective with a maximum rate	3190 bet to 5596 feet (Green River Formally perforated for water injection, the moxicilon pressure will be limited to 1856 PSiG of 500 RWPD.	AFFIDA	AVIT OF PUBLICATION						
Any person desi	ring to object to the application or other proceeding, mast file a written protest on with the Division within friteen days follows a notice. If such a protest or notice of inter a hearing will be scheduled before the not Mining, notestants and/orthitevenon to demonstrate at the hearing how this markets.								
ng publication of this ention is received, oard of Oil, Gas a	s notice. If such a protest or notice of inter- a, hearing will be scheduled before the not Mining. Rotestants and/ordinfervenors	CORPORATION OF AG	ON LEGAL BOOKKEEPER, I CERTIFY THAT 'ENCY ACTIONCAUSE N	FOR					
hould be prepared natter affects their tr	interests.	N THE CA	NG WAS PUBLISHED BY THE NEWS. LT LAKE TRIBUNE AND DESERET NEWS,DAI:						
TATE OF UTAH DIVISION OF OIL, GA 2. J. Firth Associate Director, C 18820050	S AND MINING	SH LANGUA	GE WITH GENERAL CIRCULATION IN UTAH,						
	PUBLISHED ON	START 04/1:	1/96 END 04/11/96						

04/11/66

DATE

Equitable Resources Energy Company May 21, 1996 Page 2

- 2. Conformance with all conditions and requirements of the complete application submitted by Equitable Resources Energy Company.
- 3. Cement bond logs shall be run on the Monument Butte Federal 1-8, State NGC 11-16 and Pomco # 5 wells prior to conversion. Copies of the bond logs shall be submitted to the Division for review to determine if remedial cement work is necessary.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

R.J. Firth

Associate Director

cc: Chuck Williams, Environmental Protection Agency Bureau of Land Management, vernal

## DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM

## PERMIT DECISION DOCUMENT

Applicant: Equitable Resources Location: Belugu Unit

Wells: 44-7,13-8,24-8,33-8,1-8,11-16,22-16,13-16,11-17,Pomco#5,22-17,31-17,42-

17 and 33-17

Ownership Issues: The proposed wells are located in sections 7, 8 and 16, township 9 south, range 17 east, Duchesne County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. All of the wells are located on Federal land. Mineral interests are held by private individuals, the State of Utah, and the federal government. Equitable has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

Well Integrity: The 14 wells proposed for conversion to injection all have surface casing set at approximately 300 feet ± 30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 5600 feet - 6000 feet, and were all cemented above the injection zone. The 1-8 and 11-16 wells are plugged and abandoned wells. The Pomco # 5 well is an old shut in producer, there are no cement bond logs on these three wells. Equitable has been notified that they must run bond logs on these wells and submit them to the Division prior to conversion. Cement bond logs are on file with the Division and verify reported cement tops on the other proposed injectors. The interval from 3190-5596 feet (Green River Formation) will be selectively perforated for water injection. A 27/8 inch tubing with a packer will be set above the perforations for injection of water. There are 25 producing wells 5 plugged and abandoned wells, 5 shut in producers and 3 newly drilled wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. All of the plugged wells have adequate plugs. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

**Ground Water Protection:** The base of moderately saline water in the area of the project is at a depth of approximately 300-500 feet. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field averages .87 psi/ft resulting in a maximum allowed surface pressure of 1975 psi. A maximum pressure of 1856 psig was requested and injection pressures for each of the injectors will be

Equitable Resources Energy Company page 2

maintained at this pressure. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

Oil/Gas & Other Mineral Resources Protection: Equitable Resources is the operator of the Belgu Unit. A unit agreement was previously formed, correlative rights issues were addressed before the Board of Oil, Gas and Mining when the matter was heard.

**Bonding:** Equitable is the operator of all wells within the project and is bonded by the Federal Government.

Actions Taken and Further Approvals Needed: These applications are for wells in an existing waterflood unit, previously supplied data and information along with newly submitted data supports a decision to approve the wells for conversion to injection. A public notice has been published in both the Salt Lake Tribune and the Uinta Basin Standard. The applications for the injection wells are technically complete. Cement bon d logs need to be run on the 1-8,11-16 and pomco #5 wells. A casing pressure test needs to be conducted when the well is converted and a casing\tubing pressure test run prior to injection. The casing tubing annulas needs to be pressured to 1000 psi and not 500 psi as stated in the permit. Following the 15 day comment period if no objections are received it is recommended to issue an approval to convert the wells and an injection permit. There are no special conditions or stipulations other than runnung the bond logs on the specified wells and the permit should be granted in accordance with the conditions set forth in the application.

DJJ	<u>05-21-96</u>
Reviewers	Date

Form 3160-5 (June 1990)

## UNITED STATES DEPARTMENT OF THE INTERIOR

Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No. . BUREAU OF LAND MANAGEMENT 11TU-74108 6. If Indian, Allone SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. n/a ·Use "APPLICATION FOR PERMIT—" for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE Beluga Unit 8. Well Name and No. 1. Type of Well Other WIW romco Oil Well 9. API Well No. 43.013-30499 2. Name of Operator Equitable Resources Energy Company 10. Field and Pool, or Exploratory Area Monument Butte/Green River 3. Address and Telephone No. (406) 259-7860 1601 Lewis Avenue; Billings, MT 59102 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW SW 17- T9S-R17E 11. County or Parish, State Duchesne G. Utah 1980' FSL, 660' FWL .CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Abandonment New Construction Notice of Intent Recompletion Non-Routine Fracturing Plugging Back Water Shut-Off Subsequent Report Casing Repair Conversion to Injection Other request for approval to inject Dispose Water Final Abandonment Notice Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\* This well has been coverted to a water injection well in accordance with the attached wellbore diagram and EPA Well Rework form. Water injection will commence when final approval has been received from the EPA, BLM, and Utah DOGM. This sundry notice is to request that approval to inject. ORIGINAL: Bureau of Land Management (Vernal, UT) (Attention: Wayne Bankert) COPY: Utah Division of Oil, Gas and Mining (Attention: Dan Jarvis) COPY: U.S. EPA (Attention: Chuck Williams) DIV. OF OIL, GAS & MINING November 12, 1996 Regulatory and 14. I hereby certify that the foregoing is true and correct **Environmental Specialist** Approved by Conditions of approval, if any: Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements

FORM APPROVED

or representations as to any matter within its jurisdiction. \*See Instruction on Reverse Side WU tax credit denied - 9/97.

WITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460							
<b>⊕EPA</b>	WELL RE	WORK R	ECORD				
NAME AND ADDRESS OF PERMITTEE Equitable Resources Energy Con Western Resources Resources	nbanz	Pe	NNANT A	OF CONTRACTOR Vell Service Freet 1615N Clorado 8	20202		
LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES	STATE COU	unty Ducheshi					
N	Surface Location 660 ft	5 W 14 OF TWO DIRECTION	W OF W SECTION 17 TOWNSHIP 95 RANGE 17E DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT				
w	and 1980ft. from WELL AC Brine Dispos SEnhanced Re Hydrocarbon	TIVITY sal lecovery n Storage	Total Depth I 5-44 Total Depth I 5-44 Date Rework	ction Before Rework 40' KB After Rework 40' KB k Commenced 8 116	TYPE OF PERMIT ☐ Individual ☐ Area Number of Wells Well Number		
5	Beluga U	hit	Date Rework	k Completed -3/96	Pomco #5		
	WELL CASING R	ECORD — B	EFORE REWO	RK			
Casing Cemen	nt	Perforat	tions		Acid or Fracture Treatment Record		
Size Depth Sacks	Туре	From	То		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
See Attache	el			<del> </del>			
WELL CASING R	ECORD — AFTE	R REWORK	Indicate Additi	ons and Changes C	Only)		
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See Attach	e cl		<del></del>				
DESCRIBE REWORK OPERATIONS				WIRE LINE LOGS, I	LIST EACH TYPE  Logged Intervals		
USE ADDITIONAL SHEETS IF NEC	ESSARY	10-10	Log Ty	os 4 Neutron	TD to Surface		
Isolate individual Zones	t establish t Arrow S	ing Com		A MEG HEN			
Rates into each zone. 30 Dacker @ 3864 KB. Load a	unulus with	//		0905.			
1 Champion Cortion 2383	3 PKR 4 Ivid			•			
Mixed W/62 BBIS 200 KCL Wa	ter. Cl	ERTIFICAT	TION	nd om fomilier.	with the information		
I certify under the penalty of lessential submitted in this document in this document in the submitted in the possibility of fine and imp	and all attachn obtaining the in t there are sign	ments and information, nificant pend	tnat, based I believe the alties for sub	at the informati	ion is true, accurate,		
	SIGNAT	'URF			DATE SIGNED		
NAME AND OFFICIAL TITLE (Please type or print)  Sohn Zellitti  Senior Anduction Engir	signat	//	A11	<u> </u>	11-11-96		
Iseniar modultion Englis		win	_pelle	104			

EPA Form 7520-12 (2-84)



WELL NAME: POMCO #5

FIELD: Monument Butte Field (Beluga Unit)

FEDERAL LEASE NO.: UTU-74108

LOCATION: NW SW Sec.17, T9S, R17E FOOTAGE: 660' FWL, 1980' FSL

COUNTY/STATE: Duchesne County, Utah

WORKING INTEREST: 0.91491728 PRODUCING FORMATION: Green River **COMPLETION DATE: 8/16/79** 

**INITIAL PRODUCTION:** 

OIL/GAS PURCHASER: AMOCO PRESENT PROD STATUS: PROD **ELEVATIONS - GROUND: 5417' GL** TOTAL DEPTH: 5440' KB

SURFACE CASING

STRING: 1

CSG SIZE: 9-5/8" GRADE: K-55 WEIGHT: 36# LENGTH: 279' (7 jts)

DEPTH LANDED: 278' KB HOLE SIZE: 12-1/2"

CEMENT DATA: 150 sxs class "G" w/ 1/2

#/bbl celflex + 2% CC

**TUBING RECORD** 

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 124 Jts (3871')

SEAT NIPPLE: 2-7/8" X 1.1' ARROW SET 1 PACKER: 2-3/8"x5-1/2"x7.0'

PACKER SET AT: 3864' KB

PKR Set w/ 9" (10,000#) Tension

LOGS: Comb. Densilog & Neutron log, Densilog, Dual Laterlog

DATE: 10/28/96 DZ

API NO.: 43-013-30499

NET REVENUE INTEREST: 0.80471769 Oil

0.73108274 Gas

SPUD DATE: 7/27/79

OIL GRAVITY:

BHT:

KB: 5429' KB (12' KB)

PLUG BACK TD: 5316' KB (est.)

**PRODUCTION CASING** 

STRING: 1

CSG SIZE: 5-1/2" GRADE: K-55 WEIGHT: 15.5#

LENGTH: 125 jts (5449.05')

DEPTH LANDED: 5438.75' KB

HOLE SIZE: 8-3/4"

CEMENT DATA: 770 sxs class "G" w/ 10%

salt + 14 #/sk cellophane

CEMENT TOP AT: ~1940' KB (est.)

PERFORATION RECORD

3951' - 3960' 4/80 Y2 15 HOLES 5 HOLES 4520' - 4523' 4/80 R2 4847' - 4885' 4/80 G3 10 HOLES 10 HOLES 5044' - 5101' 4/80 G4 5117' - 5122' 3 SPF 9/79 G4 3 SPF 5124' - 5137' 9/79 G4 5141' - 5149' 9/79 G4 3 SPF 5247' - 5283' 4/80 GR 12 HOLES

**FRAC JOB** 

5141' - 5149' 9/79

& 5124' - 5137'

& 5117' - 5122'

BJ frac w/ 2500 gal Terra pad. followed by 9500 gal Terra w/ 21,500 # 10/20, then 2500 gal pad w/ moth balls, then 9500 gal Terra w/ 21,500 # 10/20, followed by 2520 gal pad w/ moth balls before ball out. ATR-19 bpm, ATP-4400 psi,

ISIP-2500psi, 5min-2250 psi, 10min-2000#, 15min-2000#

190**000000000** 

efore Rework

1**88**86/1101511



POMCO #5 NW SW Sec.17, T9S, R17E 660' FWL, 1980' FSL Monument Butte Field (Beluga Unit) Duchesne County, Utah

WELL DATA CONTINUED PAGE TWO

4:3

#### **ACID JOB / BREAKDOWN JOB**

5141' - 5149' 9/79 & 5124' - 5137' & 5117' - 5122' Acidize w/ 4000 gal 15% HCl, Displace w/ 32 bbls 3% KCl wtr. Drop 100 ball sealers. ATR- 6 bpm ATP-1800 psi. Broke @ 4900#, ISIP-1500#, 5min-1500,

10min-1480, 15min-1470 psi.

5141' - 5149' 2/80 & 5124' - 5137' & 5117' - 5122' BJ acidize w/ 3000 gal 25% HCl w/ 9 gal C-15 inhibitor, 9 gal J-22, 18 gal X-6, 9 gal G-10, & 1000# benzoic flakes for divert. ATR-5 bpm, ATP-2500 psi, ISIP-2190, 5min-1750 psi, 10 min-1600 psi.

5247' - 5283' 4/80

30,000 SCF nitrogen pad followed by 1512 gal 15% HCl w/ 750 SCF of N2 #/bbl, flush w/ 25 bbls 3% KCl wtr & 750 SCF N2 #/bbl, dropped 8 ball sealers. Broke @ 4000#, ATR-4 bpm, ATP-2800 psi, ISIP-2100#, 5min-2000

4847' - 5101' 4/80

30,000 SCF nitrogen pad followed by 2016 gal 15% HCl w/ 750 SCF of N2 #/bbl, flush w/ 21 bbls 3% KCl wtr & 750 SCF N2 #/bbl, dropped 14 ball sealers. No apparent break, ATR-5 bpm, ATP-2700 psi, ISIP-1700#, 5min-1650

3951' - 4523' 4/80

30,000 SCF nitrogen pad followed by 1512 gal 15% HCl w/ 750 SCF of N2 #/bbl, flush w/ 18 bbls 3% KCl wtr & 750 SCF N2 #/bbl, dropped 14 ball sealers. ATR-4 bpm, ATP-2500 psi, ISIP-1800 psi, 5min-1700 psi

Before Rework



POMCO #5 19S. R17E NW SW See 660' FWL. 1 Lease #UTU-74108 Monument Butte Field (Beluga Unit) Duchesne County, Utah

Elev.GR - 5417' GL Elev.KB - 5429' KB (12' KB)

WELLBORE DIAGRAM

DATE: 11/10/95 vk

#### SURFACE CASING

CSG SIZE: 9-5/8" GRADE: K-55 WEIGHT: 36# LENGTH: 279' (7 jts) DEPTH LANDED: 278' KB HOLE SIZE: 12-1/2"

CEMENT DATA: 150 sxs class "G" w/ 1/2

#/bbi celflex + 2% CC

278' KB

#### PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: K-55 WEIGHT: 15.5# LENGTH: 125 jts (5449.05') DEPTH LANDED: 5438.75' KB HOLE SIZE: 8-3/4" CEMENT DATA: 770 sxs class "G" w/ 10%

salt + 14 #/sk cellophane

CEMENT TOP AT: ~1940' KB (est.)

#### **TUBING**

SIZE/GRADE/WT.: 2-7/8", J-55, 6.5# NO. OF JOINTS: 119 jts (3732.61') TUBING ANCHOR: 2.65' (12,000# tension) NO. OF JOINTS: 45 jts (1426') **SEATING NIPPLE: 27/8" x 1.08**' PERFORATED SUB: 2 7/8" x 4.11" MUD ANCHOR: 2 7/8 " x 31.68' w/NC STRING LENGTH: 5199.21' SN LANDED AT: 5175' KB

EOT: 5211' KB

#### SUCKER RODS

POLISHED ROD: 1-1/4" X 22" SUCKER RODS: 1 - 3/4" X 2'

207 - 3/4" X 25' class "D"

STRING LENGTH: 5193.5

PUMP NUMBER:

PUMP SIZE: 2-1/2" x 1-1/4" x 15' RHAC

STROKE LENGTH: PUMP SPEED, SPM:

PUMPING UNIT: NPS Supply (Chinese)

160-200-74

PRIME MOVER: Waukesha VRG 180, 4 cyl engine

LOGS: Comb. Densilog & Neutron log, Densilog, Dual Laterlog

٩	CID	JOB	/BREA	KDOWN

5141' - 5149' 9/79	Acidize w/ 4000 gal 15% HCl,
& 5124' - 5137'	Displace w/ 32 bbls 3% KCl wtr.
& 5117' - 5122'	Drop 100 ball sealers. ATR- 6 bpm
	ATP-1800 psi. Broke @ 4900#,
	ISIP-1500#, 5min-1500,
	10min-1480, 15min-1470 psi.
5141' - 5149' 2/80	BJ acidize w/ 3000 gal 25% HCl
& 5124' - 5137'	w/ 9 gal C-15 inhibitor, 9 gal J-22,
& 5117' - 5122'	18 gal X-6, 9 gal G-10, & 1000#
	benzoic flakes for divert. ATR-5 bpm,
	ATP-2500 psi, ISIP-2190, 5min-1750
	psi, 10 min-1600 psi.
5247' - 5283' 4/80	30,000 SCF nitrogen pad followed
	by 1512 gal 15% HCl w/ 750 SCF of N2
	#/bbl, flush w/ 25 bbls 3% KCl wtr &
	750 SCF N2 #/bbl, dropped 8 ball
	sealers. Broke @ 4000#, ATR-4 bpm,
	ATP-2800 psi, ISIP-2100#, 5min-2000
4847' - 5101' 4/80	30,000 SCF nitrogen pad followed
	by 2016 gal 15% HCl w/ 750 SCF of N2
	#/bbl, flush w/ 21 bbls 3% KCl wtr &
	750 SCF N2 #/bbl, dropped 14 ball
	sealers. No apparent break, ATR-5 bpm
	ATP-2700 psi, ISIP-1700#, 5min-1650
3951' - 4523' 4/80	30,000 SCF nitrogen pad followed
	by 1512 gal 15% HCl w/ 750 SCF of N2
	#/bbl, flush w/ 18 bbls 3% KCl wtr &
	750 SCF N2 #/bbl, dropped 14 ball
	sealers. ATR-4 bpm, ATP-2500 psi,
	ISIP-1800 psi, 5min-1700 psi
43	• • •

TOC - 1940' KB (est.)

#### FRAC JOB

5141' - 5149' 9/79 & 5124' - 5137' & 5117' - 5122'

BJ frac w/ 2500 gai Terra pad, followed by 9500 gal Terra w/ 21,500 # 10/20, then 2500 gal pad w/ moth balls, then 9500 gal Terra w/ 21,500 # 10/20, followed by 2520 gal pad w/ moth balls before ball out. ATR-19 bpm, ATP-4400 psi, ISIP-2500 psi, 5min-2250 psi, 10min-2000#, 15min-2000#

#### PERFORATION RECORD

3951' - 4523'				
	3951' - 3960'	4/80	Y2	15 HOLES
	4520' - 4523'	4/80	R2	5 HOLES
4847' - 5101'	4847' - 4885'	4/80	G3	10 HOLES
	5044' - 5101'	4/80	G4	10 HOLES
	5117' - 5122'	9/79	G4	3 SPF
5117' - 5122'	5124' - 5137'	9/79	G4	3 SPF
5117' - 5122' 5124' - 5137'	5141' - 5149'	9/79	G4	3 SPF
5147' - 5149'	5247' - 5283'	4/80	GR	12 HOLES
/				

5247' - 5283'

SN Landed @ 5175'

PBTD @ 5316' KB (est.) TD @ 5440' KB

Before Rework

9900 EV\*

23



POMCO #5 NW SW Sec.17, T9S, R17E 660' FWL, 1980' FSL Lease #UTU-74108 Monument Butte Field (Beluga Unit) **Duchesne County, Utah** 

Elev.GR - 5417' GL Elev.KB - 5429' KB (12' KB) Injection Wellbore Diagram

DATE: 10/28/96 DZ

#### SURFACE CASING

CSG SIZE: 9-5/8" GRADE: K-55 WEIGHT: 36# LENGTH: 267' (7 jts) DEPTH LANDED: 278' KB HOLE SIZE: 12-1/2" CEMENT DATA: 150 sxs class "G" w/ 1/2 #/bbl celflex + 2% CC

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: K-55 WEIGHT: 15.5#

LENGTH: 125 jts (5449.05') DEPTH LANDED: 5438.75' KB

HOLE SIZE: 8-3/4"

CEMENT DATA: 770 sxs class "G" w/ 10%

salt + 14 #/sk cellophane

CEMENT TOP AT: ~1940' KB (est.)

#### TUBING

SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 124 Jts (3871') SEAT NIPPLE: 2-7/8" X 1.1' ARROW SET 1 PACKER: 2-3/8"x5-1/2"x7.0" PACKER SET AT: 3864' KB

PKR Set w/ 9" (10,000#) Tension

CONVERSION: 1.) Tag fill @ 5260' KB 2.) TIH w/ RBP & PKRand pump filtered KCL water to establish injection rate

into each zone.

3.) Replace 2-3/8" tbg with new 2-7/8" tbg from Marta-Co.

4.) Pump PKR fluid and Set Arrow Set-1 PKR @ 3864'. Press. test csg to 1000 psi. Good.

PACKER FLUID: Champion Cortron 2383 PKR fluid

mixed w/ 62 bbls 2% KCL water. 10/18/96

MIT RECORD:

Post Rework

278' KB

Uinta Formation Surface to 1450 ft.

TOC - 1940' KB (est.)

#### PERFORATION RECORD

3951' - 3960'	4/80	Y2	15 HOLES
4520' - 4523'	4/80	R2	5 HOLES
4847' - 4885'	4/80	G3	10 HOLES
5044' - 5101'	4/80	G4	10 HOLES
5117' - 5122'	9/79	G4	3 SPF
5124' - 5137'	9/79	G4	3 SPF
5141' - 5149'	9/79	G4	3 SPF
5247' - 5283'	4/80	GR	12 HOLES

Green River Formation 1450 to 5400 ft.

ARROW SET-1 PACKER **SET AT 3864' KB** 

3951' - 4523'

34847' - 5101'

1

para a partir di di di Corto Medicologica di Speri

5117' - 5122' 5124' - 5137'

5147' - 5149'

<sup>6</sup>5247' - 5283'

Douglas Creek Member 4550 to 5400 ft. Wasatch Fm. Transition 5400 to 5950 ft. PBTD @ 5316' KB (est.) TD @ 5440' KB

Wasatch Formation 5950 ft.



Governor Ted Stewart **Executive Director** James W. Carter Division Director 801-538-5319 (TDD)

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax)

November 20, 1996

Equitable Resources Energy Company 1601 Lewis Avenue Billings, Montana 59102

Adminintrative Approval for Conversion of Wells to Class II Injection Wells, Duchesne Re:

County, Utah

#### Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its adminintrative approval for conversion of the referenced wells to Class II injection wells:

Monument State 22-16-9-17B Monument State 13-16-9-17B Monument State 33-17-9-17B Balcron Monument Federal 42-17 Balcron Monument Federal 31-17 Balcron Monument Federal 22-17 Pomco 5 Paiute Federal 11-7 State NGC 11-16 Monument Butte Federal 1-8 **Balcron Monument Federal 33-8** Paiute Federal 24-8 Balcron Monument Federal 13-8 Mocon Federal 44-7

Accordingly, the following stipulations shall apply for full compliance with this approval:

- Compliance with all applicable requirements for the operation, maintenance and 1. reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- Conformance with all conditions and requirements of the complete application 2. submitted by Equitable Resources Energy Company.



Page 2 Equitable Resources Energy Company November 20, 1996

Enclosed with this letter is the Underground Injection Control Permit for this well. If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

Associate Director

lwp

cc: Dan Jackson, Environmental Protection Agency

Bureau of Land Management, Vernal



Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax) 801-538-5319 (TDD)

#### UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-170

Operator:

Equitable Resources Energy Company

Wells:

Monument State 22-16-9-17B
Monument State 13-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 31-17
Balcron Monument Federal 22-17

Pomco 5

Paiute Federal 11-7

State NGC 11-16

Monument Butte Federal 1-8 Balcron Monument Federal 33-8

Paiute Federal 24-8

Balcron Monument Federal 13-8

Mocon Federal 44-7

Location:

Sections 7,8,16 and 17, Township 9 South, Range 17

East,

County: Duchesne

Well Type:

Enhanced Recovery (waterflood)

#### Stipulations of Permit Approval

 Approval for conversion to Injection Well issued on May 21, 1996



UIC Permit UIC-170 Euitable Resources Company Page 2

- 2. Maximum Allowable Injection Pressure: 1856 psig
- 3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
- 4. Injection Interval: 3190 feet to 5596 feet (Green River Formation)

Approved by:

R.J. Firth \
Associate Director, Oil and Gas

Date

Form 3160-5 (June 1990)

2000

#### UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED						
Budget Bureau l	No. 1004-0135					
Expires: Ma						

	AND MANAGEMENT	5. Lease Designation and Serial No. See attached list		
De not use this form for proposals to dril	ND REPORTS ON WELLS  or to deepen or reentry to a different reservoir.  PERMIT—" for such proposals	6. If Indian, Allottee or Tribe Name		
	IN TRIPLICATE	7. If Unit or CA, Agreement Designation  Beluga Unit		
1. Type of Well Oil Well Gas Other	30 31.1.2 27	8. Well Name and No. See attached list		
2. Name of Operator Equitable Resources Energy Co	ompany	9. API Well No. See attached list		
3. Address and Telephone No.  1601 Lewis Avenue; Billings, 4. Location of Well (Footage, Sec., T., R., M., or Survey De	MT 59102 (406) 259-7860	10. Field and Pool, or Exploratory Area Mon.Butte/Grn.River		
See attached 1		11. County or Parish, State Duchesne County, UTAH		
12. CHECK APPROPRIATE BOX(	S) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	1		
Notice of Intent	Abandonment Recompletion	Change of Plans  New Construction  Non-Routine Fracturing		
X Subsequent Report	Plugging Back Casing Repair	Water Shut-Off Conversion to Injection		
Final Abandonment Notice	Other	Dispose Water (Note: Report results of multiple completion on Well		
The Converted to woil reserves.  and 10 gallons water at a tell and formation at a rate of  Water injecti  ORIGINAL: But Converted to woil reserves.  ORIGINAL: But Converted to woil reserves.	Il pertinent details, and give pertinent dates, including estimated date of start cal depths for all markers and zones pertinent to this work.)*  #5  vater injection for secondary recover. The well was treated with 5 gallons of 940 surfactant mixed with 75 bar inperature of approximately 160°F to confresidual oil. The well was then approximately	has been y of remaining of claymaster rels of 25 KCl lear the wellbore placed on injection IPD.		
14. I hereby certify that the foregoing is true and correct	Regulatory and <sub>Tide</sub> Environmental Specialis	t Date January 13, 1997		
Signed Bobble Schuman (This space for Federal or State office use)		Date		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

A CONTRACTOR OF THE STATE OF TH

													•
·									Sheet1	Federal			4
	Field						(	Status	tormation		APT #	Footages	UNIT
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	98	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Beluga
Balcron Monument Fed. #22-17	Monument Butte	SE NW	17	98	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Beluga
Balcron Monument Fed. #31-17	Monument Butte	NE NW	17	98	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Beluga
Balcron Monument Fed. #31-17	Monument Butte	NW SE	8	98		Duchesne			Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Beluga
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17			Duchesne			Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Beluga
		+	7	98		Duchesne	UT		Green River		43-013-31432	1850' FSL, 850' FEL	Beluga
Balcron Monument Fed. #43-7	Monument Butte	NE SE	-	+				<del> </del>				2217' FSL, 2187 FWL	Beluga
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17			Duchesne			Green River		40.040.00000		
Mocon Federal #44-7	Monument Butte	SE SE	7	98	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-30666	670' FSL, 663' FEL	Beluga
	Monument Butte	NW SE	17	00	17E	Duchesne	LIT	COMPL	Green River	U-72106		1926' FSL, 2000' FEL	Beluga
Monument Federal #33-17-9-17B			1			Duchesne				U-74398	43-013-30643	602' FSL, 598' FEL	Beluga
Monument Federal #44-8-17B		SE SE		I						State ML-21844	43-013-30616	660' FNL, 659' FWL	Beluga
Monument State #11-16-9-17B (Re-entry)	Monument Butte	NW NW				Duchesne	UT			State ML-3453-B	43-013-31580	1980' FSL, 660' FWL	Bell
Monument State #13-16-9-17B	Monument Butte	NW SW	16	98		Duchesne				State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL	Belova
Monument State #22-16-9-17B	Monument Butte	SE NW	16	98		Duchesne	UT		Green River		43-047-30516	661' FNL, 664' FWL	Beluga
Paiute Federal #11-17	Monument Butte	NM NM	17	98		Duchesne	UT	1			43-013-30675	660' FSL, 1980' FWL	Beluga
Paiute Federal #24-8	Monument Butte	SE SW			<del></del>	Duchesne	UT		Green River			1980' FSL, 660' FWL	Beluga
POMCO #5	Monument Butte	NW SW	17	98	17E	Duchesne	UT	Oil	Green River	U1U-/4108	43-013-30499	1900 FSL, 000 FVVL	Deluga

1-10-97/10

## STATE OF UTAH DIVISION OF OIL, GAS AND MINING

	5. Lease Designation and Serial Number:						
	See Attached						
SUNDRY NOTICES AND REPORTS	ON WELLS						
	n/a						
Do not use this form for proposals to drill new wells, deepen existing wells, or to reent	7. Unit Agreement Name:						
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for su	uch proposals. See Attached						
1. Type of Well: OIL XX GAS OTHER:	8. Well Name and Number:						
	See Attached						
2. Name of Operator:	9. API Well Number:						
Inland Production Company	OCT 1 3 1997 See Attached						
3. Address and Telephone Number:	10. Field and Pool, or Wildcat:						
475 - 17th Street, Suite 1500, Den	ver, CO 80202 See Attached						
4. Location of Well  Footages: See Attached Exhibit							
	County:						
QQ, Sec.,T.,R,M.:	State:						
11. CHECK APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPORT, OR OTHER DATA						
NOTICE OF INTENT	SUBSEQUENT REPORT						
(Submit in Duplicate)	(Submit Original Form Only)						
☐ Abandon · ☐ New Construction	☐ Abandon * ☐ New Construction						
☐ Repair Casing ☐ Pull or Alter Casing	☐ Repair Casing ☐ Pull or Alter Casing						
☐ Change of Plans ☐ Recomplete	☐ Change of Plans ☐ Reperforate						
☐ Convert to Injection ☐ Reperforate	☐ Convert to Injection ☐ Vent or Flare						
☐ Fracture Treat or Acidize ☐ Vent or Flare	Fracture Treat or Acidize Water Shut-Off						
☐ Multiple Completion ☐ Water Shut-Off	Other Change of Operator						
☑ Other _ Change of Operator	Operator Control						
	Date of work completion9-30-971						
Approximate date work will start	Report results of Multiple Completions and Recompletions to different reservoirs on WELL						
	COMPLETION OR RECOMPLETION REPORT AND LOG form.						
	Must be accompanied by a cement verification report.						
<ol> <li>DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give vertical depths for all markers and zones pertinent to this work.)</li> </ol>	e pertinent dates. If well is directionally drilled, give subsurface locations and measured and true						
Effective September 30, 1997, Inland Producti wells on the attached list. The previous ope	erator was :						
	Equitable Resources Energy Company 1601 Lewis Avenue Billings, MT 59102						
Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands for a portion thereof under State of Utah Statewide Bond No. 4471291.  OCT 1 1997							
13. Name & Signature: CHRIS	A. POTTER, ATTORNEY-IN-FACT Date: 9/30/97						

This space for State use only



1-406-628

(406) 259-7860 Telephone (406) 245-1361 Fax

December 10, 1997

Lisha State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 Box 145801 Salt Lake City, UT 84114-5801

Dear Lisha:

Equitable Sale of Utah Properties RE:

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad

Agent for Equitable Resources

**Energy Company** 

/mc



Crazy Mountain Oil & Gas Services P.O. Box 577 Laurel, MT 59044 (406) 628-4164 (406) 628-4165

TO: Lisha St of Wan.

FROM.

Molly Conrad

Crazy Mountain Oil & Gas Services

(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested. Callief you need anything further.



October 7, 1997

Bureau of Land Management Vernal District Office 170 South 500 East Vernal, UT 84078

RE: Change of Operator

Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

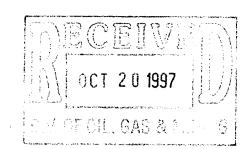
Sincerely,

INLAND PRODUCTION COMPANY

Barrean

Patsy Barreau

/pb encls.



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECENTO

OCT 1 0 1997

#### DECEINED

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

OCT 1 3 1997

Well name and number:See Attached	BELUGA (GREEN RIVER) UNIT
Field or Unit name: See Attached	API no. See Attached
Well location: QQ section towns  See Attached  Effective Date of Transfer: September	hip range county
CURRENT OPERATOR	
Transfer approved by:	
1 rmmy	Company Equitable Resources Energy Co.  Address 1601 Lewis Avenue
Title Director of Operations & Engineerin	
Date <u>9-30-97</u>	Phone ( 406 ) 259-7860 ·
NEW OPERATOR  Transfer approved by:  Name	Company Inland Production Company  Address 475 - 17th Street, Suite 1500
Title CHRIS A. POTTER, ATTORNEY-IN-FACT	Denver, CO 80202
Date 9-30-97 Comments:	Phone ( 303 ) 292–0900
(State use only) Transfer approved by 4 Sunf Approval Date 3-19-98	Title MANNYAR
	26 1997

(3/89)

#### Injection wells

ι,

MONUMENT BUTTE STATE #14-2	SW SW 2 9S 17E	DUCHESNE	UT	UNDESIGNATED (CD)	43-013-31425-00	:UTU45555	
MONUMENT BUTTE STATE #22-2	SE NW 2 9S 17E	UINTAH	UT	UNDESIGNATED (CD)	43-047-32610-00	UTU45555	
					i sa seri di di di di di di di di di di di di di		
MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00	···	UTU75023X
MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844	UTU75023X
MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00	31145 mL3453B	UTU75023X
MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00	121112 11162 1222	UTU75023X
MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	ŪΤ	MONUMENT BUTTE (B)	43-013-31581-00	·	UTU75023X
MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UŤ	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
PARIETTE BENCH #4 (SWD)	SWSE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15681-00	UTU017992	8910069630

#### INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
CALCOON SEDERAL #00 000/							
BALCRON FEDERAL #22-20Y	SE NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32711-00	UTU64917	
BALCRON FEDERAL #41-19Y	NENE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32504-00	UTU65635	
MONUMENT FEDERAL #43-19Y	NE SE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32730-00	UTU65635	
MONUMENT FEDERAL #14-21Y	SW SW 219S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32726-00	UTU68105	
A ANDERSON STATE #1-16	SW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-15582-00		UTU75023X
DUNCAN STATE #16-5	SWNW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30570-00		UTU75023X
OMD FEDERAL #17-1	NE SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30689-00		UTU75023X
FEDERAL #1-18	NWNE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30332-00		UTU75023X
MAXUS FEDERAL #23-8	NESW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31196-00		UTU75023X
MONUMENT BUTTE FED. #12-17	SWNW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31431-00		UTU75023X
MONUMENT BUTTE FED. #14-8	SWSW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31398-00		UTU75023X
MONUMENT BUTTE FED. #21-17	NENW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31387-00		UTU75023X
MONUMENT BUTTE FED. #32-17	SWNE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31465-00		UTU75023X
MONUMENT BUTTE FED. #41-17	NENE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31466-00		UTU75023X
MONUMENT BUTTE FED. #43-7	NESE 7 9S 17E	DUCHESNE	ÛT	MONUMENT BUTTE (B)	43-013-31432-00	•	UTU75023X
MONUMENT FEDERAL #23-17B	NE SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31582-00	UTU74108	UTU75023X
MONUMENT STATE #23-16B	NE SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31578-00		UTU75023X
PAIUTE FEDERAL #34-8	SWSE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30778-00		UTU75023X
PAIUTE FEDERAL #43-8	NESE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30777-00		UTU75023X
POMCO #2	NWSE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30505-00		UTU75023X
POMCO #4	NWSW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30506-00		UTU75023X
SUE MORRIS #16-3	NENW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30562-00		UTU75023X
MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00	+ 20	UTU75023X
MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00		UTU75023X
MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013 <del>-31579-0</del> 0	31145	UTU75023X
MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00	21112	UTU75023X
MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00	:	UTU75023X
MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00		UTU75023X
MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
BALCRON FEDERAL #12-10Y	SW NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)		UTU65210	010,0020/
BALCRON FEDERAL #21-10Y	NE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)		UTU65210	
BALCRON FEDERAL #22-10Y	SENW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)		UTU65210	



#### United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

IN REPLY REFER TO UT-931

March 2, 1998

Inland Production Company 475 17th Street, Suite 1500 Denver, Colorado 80202

Re:

Beluga (Green River) Unit

Duchesne County, Utah

#### Gentlemen:

On February 26, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Beluga (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective March 2, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Beluga (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Beluga (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks Chief, Branch of Fluid Minerals

#### Enclosure

bcc:

District Manager - Vernal (w/enclosure)

Division of Oil. Gas & Mining

Minerals Adjudication Group U-932

File - Beluga (Green River) Unit (w/enclosure)

MMS - Data Management Division

Agr. Sec. Chron/Fluid Chron

UT931:TAThompson:tt:3/2/98

Page No. 03/02/98

## Well Status Report Utah State Office Bureau of Land Management

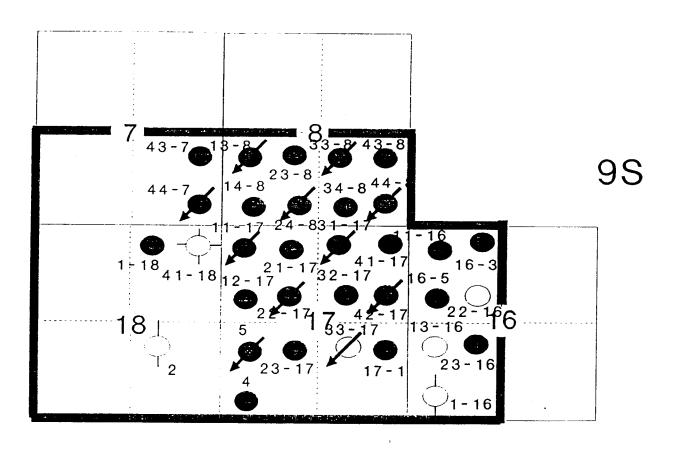
Lease Api Number Well Name

QTR Section Township Range Well Status Operator

** Inspection It	:em: UTU75023X					
STATE	4301315582 1-16 SHELL-STATE	SWSW	16 T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330332 1-18 FEDERAL	NWNE	18 T 9S	R17E	TA	EQUITABLE RESOURCES ENERGY CO
STATE	4301330616 11-16 STATE-NGC	NUNU	16 T 9S	R17E	ABD (WIW)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330516 11-17 PIUTE-FEDERAL	NUNU	17 T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331431 12-17	SWNW	17 T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331580 13-16-9-17B	NUSU	16 T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331382 13-8 MONUMENT FED	NUSU	8 T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331398 14-8 MONUMENT FED	SWSW	8 T 9s	R17E	POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330562 16-3 MORRIS SUE	NENW	16 T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330570 16-5 DUNCAN-STATE	SWNW	16 T 9\$	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU44430	4301330689 17-1 FEDERAL-DMD	NESE	17 T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330505 2 POMCO	NWSE	18 T 9S	R17E	TA	EQUITABLE RESOURCES ENERGY CO
UTU <b>7210</b> 6	4301331387 21-17 MONUMENT FED	NENW	17 T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331145 22-16-9-17B	SENW	16 T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331429 22-17 MONUMENT FED	SENW	17 T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331578 23-16-9-17B	NESW	16 T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331582 23-179-17B	NESW	17 T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331196 23-8 MAXUS-FEDERAL	NESW	8 T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU <b>74108</b>	4301330675 24-8 PIUTE-FEDERAL	SESW	8 T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331428 31-17 MONUMENT BUTTE	NWNE	17 T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331465 32-17	SWNE	17 T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331581 33-17-9-17B	NWSE	17 T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331427 33-8 MONUMENT FED	NWSE	8 T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330778 34-8 PAIUTE	SWSE	8 T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330506 4 POMCO	SWSW	17 T 98	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331466 41-17	NENE	17 T 9\$	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331399 41-18 BALCRON FED	NENE	18 T 9S	R17E	ABD (PA)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331467 42-17	SENE	17 T 9S	R17E	MIM	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331432 43-7 MONUMENT BUTTE	NESE	7 T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330777 43-8 PAIUTE	NESE	8 T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330666 44-7 MOCOW-FEDERAL	SESE	7 T 9S	R17E	MIM	EQUITABLE RESOURCES ENERGY CO
UTU74398	4301330643 44-8-9-17	SESE	8 T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330499 5 POMCO	NWSW	17 T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO

# BELUGA (GREEN RIVER) UNIT DUCHESNE COUNTY, UTAH

EFFECTIVE: FEBRUARY 1, 1996



17E

UNIT OUTLINE (UTU75023X)
2,223.13 ACRES

SECONDARY ALLOCATION FEDERAL 89.74% STATE 10.26% Division of Oil, Gas and Mining

#### **OPERATOR CHANGE WORKSHEET**

Attach all documentation received by the division regarding this change. Initial each listed item when completed. Write N/A if item is not applicable.

Routing	0/
1410	6-14
2-GLH &	7-KAS
3-Horac	8-SI
4-VLD	9-FILE V
5-JRB V	

		5-JRB 1/
	nge of Operator (well sold) ☐ Designation of Agent ☐ Operator Name Change Only	
The ope	rator of the well(s) listed below has changed, effective:9-30-97	
TO: (ne	w operator) INLAND PRODUCTION CO. FROM: (old operator)  (address) PO BOX 1446  ROOSEVELT UT 84066  FROM: (old operator)  (address)	EQUITABLE RESOURCES ENERGY C/O CRAZY MTN O&G SVS'S PO BOX 577 LAUREL MT 59044
	Phone: (435) 722–5103 Account no. N5160	Phone: (406) 628-4164 Account no. N9890
WELL(	S) attach additional page if needed: *BELUGA (GREEN RIVER) UI	NIT
Name:	API: S T API: Entity: S T API: Entity: S T API: Entity: S T API: Entity: S T API: Entity: S T API: Entity: S T API: Entity: S T API: Entity: S T API: Entity: S T API: Entity: S T API: Entity: S T	R Lease: R Lease:
	TOR CHANGE DOCUMENTATION	
fec 1.	(r649-8-10) Sundry or other legal documentation has been received from the form). (feet 3-10-97)	FORMER operator (attach to this
<u>lac</u> 2.	(r649-8-10) Sundry or other legal documentation has been received from form). (feet   10-20-97)	the NEW operator (Attach to this
<b>15/4</b> 3.	The <b>Department of Commerce</b> has been contacted if the new operator at wells in Utah. Is the company <b>registered with the state?</b> (yes/no)	bove is not currently operating any If yes, show company file number:
	FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been cont note of BLM status in comments section of this form. BLM approval of changes should ordinarily take place prior to the division's approval, and through 9 below.	Federal and Indian well operator
<u>tec</u> 5.	Changes have been entered in the Oil and Gas Information System (3270	) for each well listed above.
<u> </u>	Cardex file has been updated for each well listed above. (3-11-18)	
7.	Well file labels have been updated for each well listed above. (3-11-98)	
<u>l</u> 8.	Changes have been included on the monthly "Operator, Address, and Account to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (3-1-98)	nt Changes" memo for distribution
ec 9.	A folder has been set up for the <b>Operator Change file</b> , and a copy of the reference during routing and processing of the original documents.	nis page has been placed there for

ENTITY	REVIEW
fec 1.	(r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made (yes no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
N/A/62.	Trust Lands, Sovereign Lands, Tax Commission, etc., have been <b>notified</b> through normal procedures of entit changes.
BOND V	ERIFICATION - (FEE WELLS ONLY) Trustlands - 80,000 Surety "Hartford acc. E. Indemnity lo
	(r649-3-1) The <b>NEW</b> operator of any fee lease well listed above has furnished a proper bond.
• •	A copy of this form has been placed in the new and former operator's bond files.
Affe 3.	The <b>FORMER</b> operator has requested a release of liability from their bond (yes/no), as of today's dat If yes, division response was made to this request by letter dated
LEASE I	NTEREST OWNER NOTIFICATION OF RESPONSIBILITY
Lec 1.	Copies of documents have been sent on 3-11-98 to Ed Bonner at Trust Lands for change involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
# 2.	(r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by lette dated
FILMIN	
<b>½</b> 1.	All attachments to this form have been <b>microfilmed</b> . Today's date: 4.14.98.
FILING	
1.	Copies of all attachments to this form have been filed in each well file.
2.	The original of this form, and the original attachments are now being filed in the Operator Change file.
СОММЕ	NTS
980311	Blm SL aprv. 3-2-98.

Page No. 5 06/16/97

## STATE OF UTAH INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL *****	TNS	RGE	SE	WELLTYPE	INDIAN	COUNT
				***	**	*****	****	*****
=	¥43-013-31410	12-12J	09S	16E	12	INJW	N	
EQUITABLE RE	43-013-31408°		09S	16E	14	INJW	N	
EQUITABLE RE	43-013-31421	21-14J	09S	16E	14	INJW	N	
EQUITABLE RE	43-013-31373	23-15J	09S	16E	15	WLNI	·N	
EQUITABLE RE	(43-013-31368	32-15J	09S	16E	15	INJW	N	
EQUITABLE RE	43-013-31367	41-15J	09S	16E	15	INJW	N	
EQUITABLE RE	43-013-31370	FEDERAL 13-5	09S	17E	5	INJW	Y	
EQUITABLE RE	<b>V</b> 43-013-31375	24-5	09S	17E	5	INJW	Y	
EQUITABLE RE	43-013-31384	22-5	09S	17E	5	WLNI	Ÿ	
EQUITABLE RE	43-013-31195	ALLEN FEDERA	09S	17E	6	INJW	Ň	
EOUITABLE RE	43-013-31492	11-7J	09S	17E	7	INJW	Y	
EQUITABLE RE	43-013-31405	31-7J	09S	17E	7	INJW	Y	
EQUITABLE RE	43-047-20252	E. RED WASH	085	25E	5	INJW	N	
EQUITABLE RE	43-047-20261	ERW 4-6	08S	25E	6	INJW		
EQUITABLE RE	43-047-32346	42-6X	08S	25E	6		Y	
EQUITABLE RE	43-047-20245	AMERADA GUIN			-	INJW	N	
EQUITABLE RE	<b>43±01</b> 3 <b>±</b> 30666		08S	25E	7	INJW	Y	
		44-7	09S	17E	7	INJW 4356		11880
EQUITABLE RE	<b>43</b> ⊊013-31382	13-8	09S	17E	8	INJW WOO7		11880
EQUITABLE RE	43-013-31427	33-8	09S	17E	8	INJW noo7'		11880
EQUITABLE RE	43-013-30675	24-8	09S	17E	8	INJW 4797		11880
EQUITABLE RE	<b>\43</b> -013-30648	44-8-17B	09S	17E	8	INJW 4403	326 Y	1523
EQUITABLE RE	43-013-31580	13-16-9 <b>-</b> 17B	09S	17E	16	INJW ML34		11880
EQUITABLE RE	<b>43-01</b> 3-30616	11-16-9-17B	09S	17E	16	INJW muzi		6130
EQUITABLE RE	#3-013-31145	22-16 <b>-</b> 9-17B	09S	17E	16	INJW ml34		11880
EQUITABLE RE	43 013 30518	11-17	<del>-098</del>	17E-	<del>-17</del>	-INJW	Y	11000
EQUITABLE RE	49-013-30499	POMCO 5	09S	17E	17	INJW <i>U79</i>	78 Y	11880
EQUITABLE RE	<b>43-013-30516</b>	11-17	09S	17E	17	INJW 435		11880
EQUITABLE RE	<b>43-013-31428</b>	31-17	09S	17E	17		72106 Y	11880
EQUITABLE RE	43-013-31581	33-17-9-17B	098	17E	17	INJW U72	, , , , , , , , ,	11880
EQUITABLE RE	43-013-31429	22-17	095	17E	17		72166 Y	
EQUITABLE RE	<b>43</b> -013-31467	42-17	09S	17E	17		72101 Y	11880
EQUITABLE RE	43-047-32610	22-2	09S	17E	2	INJW	72106 Y	11880
EQUITABLE RE	43-013-31425	14-2	09S	17E		INJW	Y	
GIANT EXPLOR	43-037-15042	GOTHIC MESA	41S	23E	16	INJD	Y	
GIANT EXPLOR	43-037-13042	SENTINEL PEA	41S				Y	
GIANT EXPLOR	43-037-20292			26E	27	INJD		
HAY HOT OIL	43-037-16452	9-24	41S	23E	9	INJI	Y	
		MCCRAKEN PT	40S	23E	19	INJI	N	
INLAND PRODU	43-013-30843	MONUMENT BUT	085	16E	34	WLMI	Y	
INLAND PRODU	43-013-31559	15-25	08S	16E	25	INJW	N	
INLAND PRODU	43-013-30693	FEDERAL 3-33	08S	16E	33	INJW	N	
INLAND PRODU	43-013-30808	FED 1-34	08S	16E	34	INJW	N	
INLAND PRODU	43-013-30686	FEDERAL 5-35	08S	16E	35	INJW	N	
INLAND PRODU	43-013-30606	MONUMENT BUT	08S	16E	35	INJW	N	
INLAND PRODU	43-013-30745	MONUMENT BUT	08S	16E	35	INJW	N	
INLAND PRODU	43-013-31514	1A-35	08S	16E	35	INJW	Y	
INLAND PRODU	43-013-30605	MONUMENT BUT	08S	16E	35	INJW	N	
INLAND PRODU	43-013-31264	MONUMENT FED	08S	16E	35	INJW	N	
INLAND PRODU	43-013-30608	MONUMENT BUT	088	16E	35	WLMI	N	
INLAND PRODU	43-013-30624	STATE 5-36	088	16E	36	INJW	N	
INLAND PRODU	43-013-30592	STATE 1-36	088	16E	36	INJW	N	
INLAND PRODU	43-013-30787	12-32	08S	17E	32	INJW	Y	
	43-013-30779	FED 15-28	08S	16E	28	INJW	N	
	43-013-31372	14A-28	08S	16E	28		N	
	-0 010 010/2	- IA 20	000	TOU	∠0	INJW	IN	



March 8, 2000

**RECEIVED** 

MAR 1 3 2000

DIVISION OF OIL, GAS AND MINING

State of Utah
Division of Oil, Gas & Mining
Attn: Dan Jarvis
1594 West North Temple - Suite 1210

P.O. Box 145801 Salt Lake City, Utah 84114-5801

> RE: Step-Rate Test Pomco # 5

Dear Dan:

Please find enclosed Step-Rate Tests (SRT) results on the Pomco # 5 injection well in the Beluga Unit. Inland Production Company conducted the SRT on March 8, 2000. Due to the results of the SRT Inland is requesting a change in the maximum allowable injection pressure from 1855 psi to 1796 psi for this well.

Thank you for your assistance. If you have any questions or need further information, please call me at (435) 646-3721.

Sincerely, Bas Meden

Brad Mecham

Operations Manager

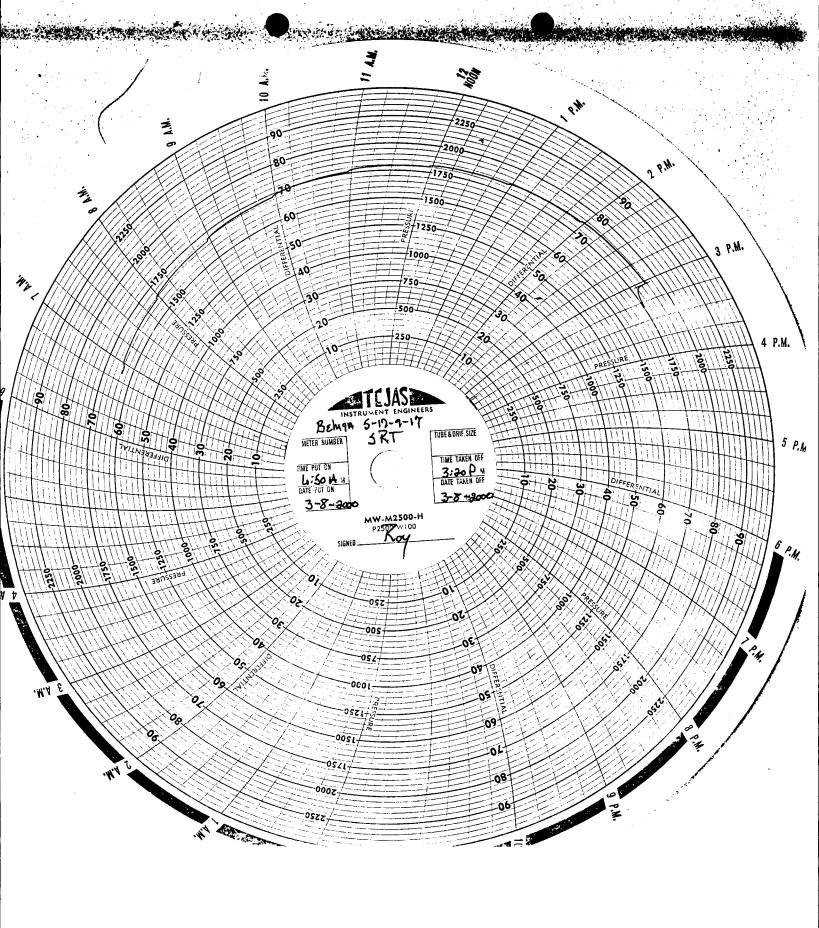
/bm

## STATE OF UTAH

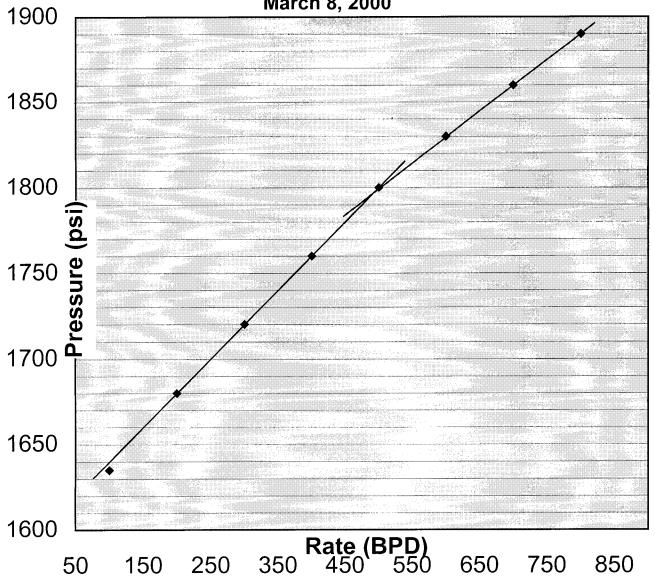
DEPARTI	MENT OF NATURAL RESOURCES			
	N OF OIL, GAS, AND MINING		5. LEASE DESIGNATION AND SERIAL U-79	
SUNDRY NO	TICES AND REPORTS (	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBAL	NAME
	posals to drill or to deepen or plug back to a differe	ent reservoir.	N/A	
	<u></u>		7. UNIT AGREEMENT NAME	
OIL GAS WELL WELL OTHER X	INJECTION		BELU	GA
2. NAME OF OPERATOR INLAND PRODUC	TION COMPANY		8. FARM OR LEASE NAME POMC	O #5
3. ADDRESS OF OPERATOR ROUTE #3 BOX 3 (435) 646-3721	630, MYTON, UTAH 84052		9. WELL NO. Federa	I #5
<ol> <li>LOCATION OF WELL (Report local See also space 17 below.)</li> </ol>	tion clearly and in accordance with any State require	rements.*	10. FIELD AND POOL, OR WILDCAT	
At surface	1000 ECL 0//0 EW/I		MONUMEN	T BUTTE
NW/SW	1980 FSL 0660 FWL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/SW Section	17, T09S R17E
14 API NUMBER 43-013-30499	15. ELEVATIONS (Show whether DF, RT, GR 5417 GR	k, etc.)	12. COUNTY OR PARISH  DUCHESNE	13. STATE  UT
•	propriate Box To Indicate Nature of Not	1		
NOTICE OF INTEN	TION TO:	SUBSEQ	UENT REPORT OF:	
TEST WATER SHUT-OFF PUI	LL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL	
FRACTURE TREAT MU	ILTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING	Ц
SHOOT OR ACIDIZE AB.	ANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*	
REPAIR WELL		(OTHER) Step-Rate te	st	X
(OTHER)		l ' '	lts of multiple completion on Well	
	LETED OPERATIONS. (Clearly state all pertine	nt details, and give pertinent dates, incl	luding estimated date of starting any	
proposed work. If well is directiona	ally drilled, give subsurface locations and measured	i and true vertical depths for all marker	's and zones pertinent to this work.)*	
On March 8, 2000 Inland Unit. Due to the results of from 1855 psi to 1796 psi	Production Company conducted a fithe attached SRT Inland is request on this well.	ting approval to change ou	r Maximum Allowable Injec	in the Beluga etion Pressure
	Initials:	CHP	MAR	1 3 2000
			——————————————————————————————————————	SION OF
18 I hereby certify that the foregoing is t	Colon TITLE	Approved by the	OH <sub>TE</sub> GAS	AND&MINING
		Utah Division of		
(This man for Foliant - Co. CC.		Oil, Gas and Mini		
(This space for Federal or State office use APPROVED BY	TITLE Date:	3/14/00	DATE	

\* See Instructions On Reverse Side

CONDITIONS OF APPROVAL, IF ANY:



Pomco #5 Beluga Unit Step Rate Test March 8, 2000



ISIP: 1830 psi

Fracture pressure: 1796 psi

FG: .889

Step	Rate(bpd)	Pressure(psi)
1	100	1635
2	200	1680
3	300	1720
4	400	1760
5	500	1800
6	600	1830
7	700	1860
8	800	1890

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVI	SION OF OIL, GAS. AND MINING		5. LEASE DESIGNATION AND SERIAL UTU-74108	NO.
SUNDRY I	NOTICES AND REPORTS	ON WELLS	6. IF INDIAN. ALLOTTEE OR TRIBAL N	NAME
	proposals to drill or to deepen or plug back to a differ	rent reservoir.	N/A	
			7. UNIT AGREEMENT NAME	
OIL GAS WELL WELL OTHER	X Injection		BELUGA	
2. NAME OF OPERATOR INLAND PROD	DUCTION COMPANY		8 FARM OR LEASE NAME POMCO #5	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, 435-646-3721	Myton Utah 84052		9 WELL NO. POMCO #5	
4. LOCATION OF WELL (Report	location clearly and in accordance with any State requ	irements.**	10. FIELD AND POOL, OR WILDCAT	
See also space 17 below.)  At surface  NW/SW Secti	on 17, T09S R17E		MONUMENT BUTT	Œ
1980 FSL 660			II. SEC. T. R. M. OR BLK. AND SURVEY OR AREA NW/SW Section 17, 7	Γ09S R17E
14 API NUMBER 43-013-30499	15. ELEVATIONS (Show whether DF, RT, GF 5417 GR	t, etc.)	12. COUNTY OR PARISH DUCHESNE	13. STATE UT
16. Check NOTICE OF INT	Appropriate Box To Indicate Nature of Not		UENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL	
FRACTURE TREAT	MULTIPLE COMPLÉTÉ	FRACTURE TREATMENT	ALTERING CASING	
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*	
REPAIR WELL		(OTHER)	X 5 Year MIT	
(OTHER)		,	alts of multiple completion on Well completion Report and Log form.)	
	MPLETED OPERATIONS. (Clearly state all pertine tionally drilled, give subsurface locations and measure			
•	conducted on the subject well.			
	OGM was notified of the intent 080 psi w/ no pressure loss cha			
	ss the test. The well is shut in a			
were uoto to written		Appro Utah	ved by the	the second secon
	-15-01 HD	Date: 10	and Mining	OIVISION <b>OF</b> L. GAS AND MI <b>NING</b>
SIGNED Krisha Russell	$\supset$	Production Clerk	DATE	10/11/01
cc: BLM				
(This space for Federal or State office	use)			
APPROVED BY  CONDITIONS OF APPROVAL, IF A			DATE	

## Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW

nderground Injection Control Program, UIC Direct Implementation Program 8P-W-GW 999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: N/A Test conducted by: Brant Cook Others present:		Date: <u>/o / /o</u>	101
Well Name:	_N/SR_ <u>/7</u> E/W	tatus: AC TA UC / County: <u>Duck</u> /796	State: _ <i>U+</i> PSIG
Is this a regularly scheduled test? Initial test for permit? Test after well rework? Well injecting during test?  Pre-test casing/tubing annulus pressure:	[✓]Yes [ ]Yes [ ]Yes [✓]Yes	[ /] No [ /] No	te: <u>45</u> bpd
MIT DATA TABLE	Test #1	Test #2	Test #3
	TUBING PRESSURE		
Initial pressure	/770 psig	psig	psig
. End of test pressure	/770 psig	psig	psig
CASING	TUBING ANNULUS P	RESSURE	
0 minutes	/150 psig	psig	psig
5 minutes	1156 psig	psig	psig
. 10 minutes	//50 psig	psig	psig
15 minutes	/156 psig	psig	psig
20 minutes	<i>115</i> 0 psig	psig	psig
25 minutes	1150 psig	psig	psig
30 minutes	1150 psig	<b>ps</b> ig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
RESULT	[ / ] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

Does the annulus pressure build back up after the test? [

[ / No

] Yes

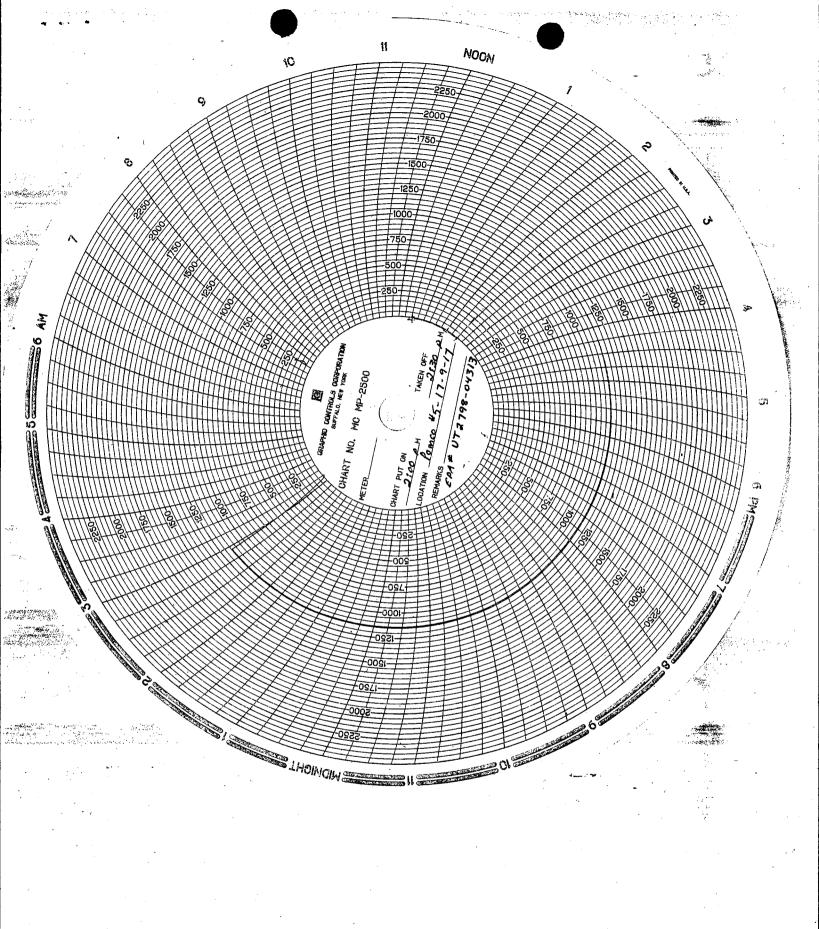
## MECHANICAL INTEGRITY PRESSORE TEST

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			· · · · · · · · · · · · · · · · · · ·		~
	<del></del>				<del></del>
ionatura of Mitnoso:					
ignature of Witness:					
OFFICE USE ONLY - COMPLIANCE	FOLLOWUP				
	FOLLOWUP				
OFFICE USE ONLY - COMPLIANCE   Staff			Date:	1	1
				1	1
OFFICE USE ONLY - COMPLIANCE   Staff Do you agree with the reported test result	s? []YES			1	<u></u>

[ ] 2<sup>nd</sup> Data Entry

[ ] Hardcopy Filing

[ ] Data Entry [ ] Compliance Staff





Geoffrey S. Connor
Secretary of State

#### Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.





Secretary of State

## ARTICLES OF AMENDMENT TO THE ARTICLES OF INCORPORATION OF INLAND PRODUCTION COMPANY

In the Office of the Secretary of State of Texas

SEP 02 2004

Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

#### ARTICLE 1 - Name

The name of the corporation is Inland Production Company.

#### ARTICLE 2 - Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE - The name of the corporation is Newfield Production Company."

ARTICLE 3 - Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs, Treasurer



### **United States Department of the Interior**



## BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-924)

September 16, 2004

#### Memorandum

To:

Vernal Field Office

From:

Acting Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Milas Llouters

Michael Coulthard Acting Chief, Branch of Fluid Minerals

#### Enclosure

1. State of Texas Certificate of Registration

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225 State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson Joe Incardine Connie Seare

			•		
UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
.*	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013 <sup>.</sup>	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833 <sup>,</sup>	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRAN	SFER OF AUTHORITY TO IN	JECT
Well Name and Number See Attached List		API Number
Location of Well Footage:		Flold or Unit Name See Attached List
QQ, Section, Township, Range:	County;	Lease Designation and Number

EFFECTIVE DATE OF TRANSFER: 9/1/2004

mpany:	Inland Production Company	Name: Brian Harris
dress:	1401 17th Street Suite 1000	Signature: Brown Africa
	olty Denver state Co zip 80202	Title: Engineering Tech.
one:	(303) 893-0102	Date: 9/15/2004

ompany:	Newfield Produc	tion Company		Name;	Brian Harris
Idress:	1401 17th Street	t Suite 1000		Signature:	Fra Hom
	city Denver	state Co	zip 80202	Title:	Engineering Tech.
none:		- The second sec		Date:	9/15/2004
mments:				-	

(This space for State use only)

Title: Ferly Services Warmer Approval Date: 9-10-04

Comments: Note: Indian Country orlls will require EPA approval.

RECEIVED

SEP 2 0 2004

Division of Oil, Gas and Mining

#### **OPERATOR CHANGE WORKSHEET**

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

#### X Operator Name Change

#### Merger

The operator of the well(s) listed below h	9/1/2004								
FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052	TO: ( New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721								
Phone: 1-(435) 646-3721									
CA	No.			Unit:	BELUGA (GREEN RIVER)				
WELL(S)									
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
MOCON FED 44-7	07	0908	170E	4301330666		Federal	WI	A	
MON FED 44-8-9-17B	08			4301330643		Federal	WI	A	
PAIUTE FED 24-8	08	090S		4301330675		Federal	WI	A	
PAIUTE FEDERAL 43-8	08	090S		4301330777		Federal	ow	P	
PAIUTE FEDERAL 34-8	08	090S		4301330778		Federal	ow	P	
MAXUS FEDERAL 23-8	08			4301331196	11880	Federal	ow	P	
MON FED 13-8	08	090S	170E	4301331382	11880	Federal	WI	Α	
FEDERAL 14-8	08	090S	170E	4301331398	11880	Federal	ow	P	
A ANDERSON ST 1-16	16	090S	170E	4301315582	11880	State	ow	P	
SUE MORRIS 16-3	16	090S	170E	4301330562	11880	State	ow	P	
D DUNCAN ST 16-5	16	090S	170E	4301330570	11880	State	ow	P	
MON ST 11-16-9-17B	16	090S	170E	4301330616	11880	State	WI	Α	
MON ST 22-16-9-17B	16	090S	170E	4301331145	11880	State	WI	Α	
POMCO 5	17	090S	170E	4301330499	11880	Federal	WI	Α	
POMCO 4	17	090S	170E	4301330506	11880	Federal	OW	P	
PAIUTE FED 11-17	17	090S	170E	4301330516	11880	Federal	WI	A	
FEDERAL D M D 17-1	17	090S	170E	4301330689	11880	Federal	ow	S	
MONUMENT FED 21-17	17	090S	170E	4301331387	11880	Federal	OW	P	
FEDERAL 1-18	18	090S	170E	4301330332	11880	Federal	OW	TA	
POMCO 2	18	090S	170E	4301330505	11880	Federal	WI	A	
							<del>                                     </del>	+	

#### **OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

(R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 9/15/2004
 (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 9/15/2004

3. The new company was checked on the Department of Commerce, Division of Corporations Database on:

2/23/2005

4. Is the new operator registered in the State of Utah:

YES Business Number:

755627-0143

5. If NO, the operator was contacted contacted on:

waived			
A 1	. 1 41		
A nas approv	ea tne mer BLM	ger, name cha BIA	nge,
	DLIVI	DIA	
			· · · · · · · · · · · · · · · · · · ·
ells listed on:		n/a	
<b>A"):</b>		/	
nin a CA on:		na/	
on has approve	d UIC Form:	5, Transfer of A	uthority to
r disposal well	(s) listed on:	2/23/200	05
/28/2005			
12012003			
ad Sheet on:	2/2	8/2005	
/28/2005			
12012003			
2/28/2005			
/28/2005			
12012003			
,	waived		
		2.00	
UT 0056			
01 0030			
SBDH2912			
	C1DC	DD112010	
sond Number	6182	BDH2919	
bond on:	n/a*		
n/a			
n/a			
n/a		from the Divisio	n
n/a	ed by a letter	from the Divisio	n
n/a		from the Divisio	n
n/a ted and inform	n/a	from the Divisio	
n/a ted and inform	n/a		
	2/28/2005 UT 0056 BSBDH2912 Bond Number bond on:	2/28/2005  waived  UT 0056  3SBDH2912  Bond Number 61BS. bond on:	waived  UT 0056  BSBDH2912  Bond Number 61BSBDH2919  bond on: n/a*

## STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

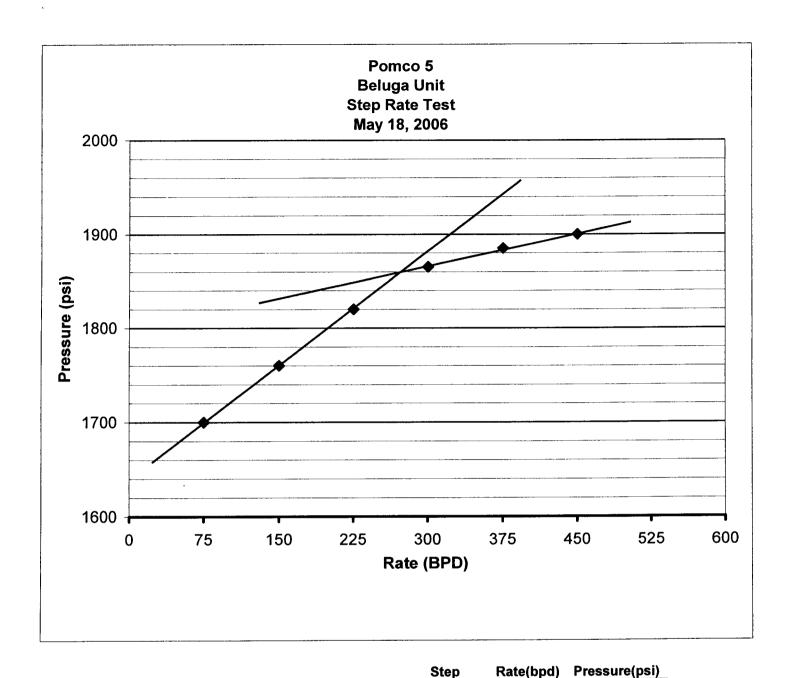
5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU74108

	DIVISION OF OIL	L, GAS AND	ONIMINING		UTU74108	
SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
o not use this form for proposals to drill ne to drill horizontal lat	7. UNIT OF CA AGREEMENT NAME: BELUGA UNIT					
1. TYPE OF WELL: OIL WELL	8. WELL NAME and NUMBER: POMCO 5					
2. NAME OF OPERATOR:					9. API NUMBER:	
NEWFIELD PRODUCTION COMP	ANV				4301330499	
	ANI			Tavasa san man	10. FIELD AND POOL, OR WILDCAT:	
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CIT	ry Myton s	TATE UT	ZIP 84052	PHONE NUMBER 435.646.3721	Monument Butte	
4. LOCATION OF WELL:						
FOOTAGES AT SURFACE: 1980 FSL (	0660 FWL				COUNTY: Duchesne	
OTR/OTR. SECTION. TOWNSHIP. RANGE.	MERIDIAN: NW/SW, 17, T9	S, R17E			STATE: Utah	
II. CHECK APPROP	PRIATE BOXES TO				RT, OR OTHER DATA	
	1	TYPE	OF ACTION	<del></del>		
TYPE OF SUBMISSION			TY	PE OF ACTION		
	ACIDIZE		DEEPEN		REPERFORATE CURRENT FORMATION	
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING		FRACTURE	TREAT	SIDETRACK TO REPAIR WELL	
Approximate date work will	CASING REPAIR		NEW CONST	RUCTION	TEMPORARITLY ABANDON	
, pp. ominate and viola init	CHANGE TO PREVIOUS PI	ANS	OPERATOR (	CHANGE	TUBING REPAIR	
	CHANGE TUBING		PLUG AND	ABANDON	VENT OR FLAIR	
X SUBSEQUENT REPORT	CHANGE WELL NAME		PLUGBACK		WATER DISPOSAL	
(Submit Original Form Only)	CHANGE WELL STATUS		_	ON (START/STOP)	WATER SHUT-OFF	
Date of Work Completion:	COMMINGLE PRODUCING	FORMATIONS		ION OF WELL SITE	X OTHER: - Step Rate Test	
05/29/2006	CONVERT WELL TYPE		=	TE - DIFFERENT FORMATION		
	<del> </del>					
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  A step rate test was conducted on the subject well on May 18, 2006. Results from the test indicate that the fracture gradient is .906 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1860 psi.						
NAME (PLEASE PRINT) Cheyenne Bate	emen			TITLE Well Analyst Forema	n	
	en-			DATE05/29/2006		

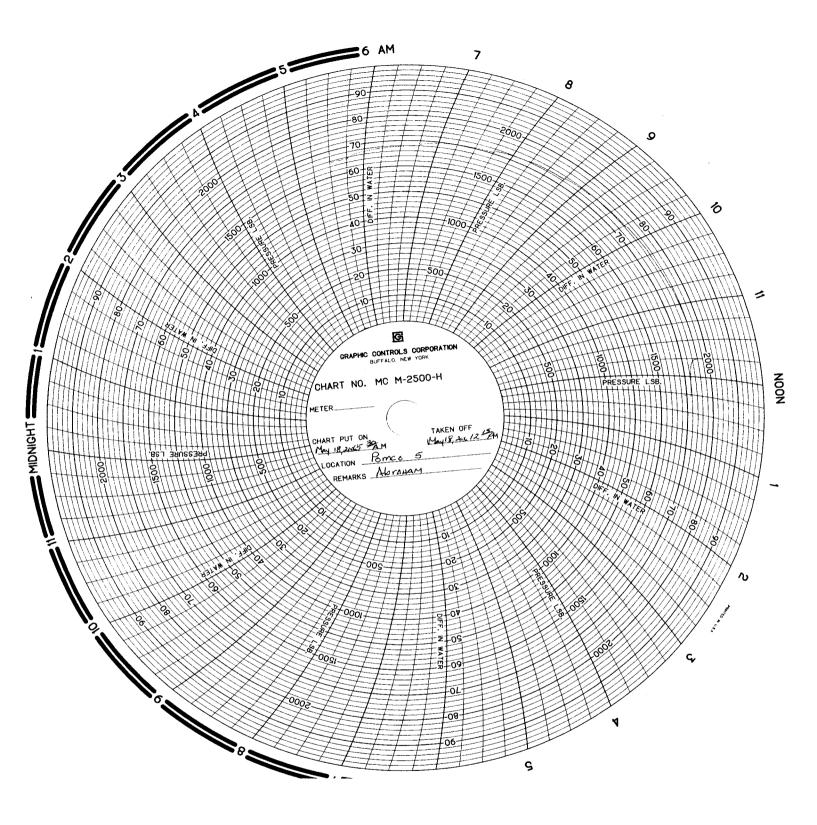
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JUN 0 1 2006



Start Pressure:	1635 psi	1	75	1700
Instantaneous Shut In Pressure (ISIP):	1880 psi	2	150	1760
Top Perforation:	3951 feet	3	225	1820
Fracture pressure (Pfp):	1860 psi	4	300	1865
FG:	0.906 psi/ft	5	375	1885
	, , , , , , , , , , , , , , , , , , ,	6	450	1900
		_		



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING USA UTU-74108 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged **BELUGA UNIT** wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: OIL WELL GAS WELL OTHER POMCO 5-17-9-17 9. API NUMBER: 4301330499 NEWFIELD PRODUCTION COMPANY 10. FIELD AND POOL, OR WILDCAT: PHONE NUMBER MONUMENT BUTTE 435.646.3721 STATE UT ZIP 84052 CITY Myton

FOOTAGES AT SURFACE: 1980 FSL 660 FWL COUNTY: DUCHESNE							
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 17, T9S, R17E STATE: UT							
U. CHECK APPRO	PRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPO	ORT, OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE ALTER CASING	DEEPEN FRACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARITLY ABANDON				
Approximate date work will	CASING REPAIR  CHANGE TO PREVIOUS PLANS  CHANGE TUBING	NEW CONSTRUCTION OPERATOR CHANGE PLUG AND ABANDON	TUBING REPAIR VENT OR FLAIR				
SUBSEOUENT REPORT (Submit Original Form Only)  Date of Work Completion:	CHANGE WELL NAME CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS	PLUG BACK PRODUCTION (START/STOP) RECLAMATION OF WELL SITE	WATER DISPOSAL WATER SHUT-OFF X OTHER: - 5 Year MIT				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CONVERT WELL TYPE

On 9/26/06 Nathan Wiser with the EPA was contacted concerning the 5-year MIT on the above listed well. Permission was given at that time to perform the test on 10/9/06. On 10/9/06 the csg was pressured up to 1210 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 1650 psig during the test. There was not an EPA representative available to witness the test. EPA# 20798-04313 API# 43-013-30499

RECOMPLETE - DIFFERENT FORMATION

Accepted by the **Utah Division of** Oil, Gas and Mining FOR RECORD ONLY

NAME (PLEASE PRINT) Callie Duncan	TITLE Production Clerk
SIGNATURE alle Dencer	DATE 10/09/2006
SIGNATURE	

(This space for State use only)

1. TYPE OF WELL:

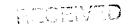
2. NAME OF OPERATOR:

3. ADDRESS OF OPERATOR:

Route 3 Box 3630

10/09/2006

4. LOCATION OF WELL:



OCT 1 1 2006

DIV O. C. PAR & MILLING

# Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test U.S. Environmental Protection Agency

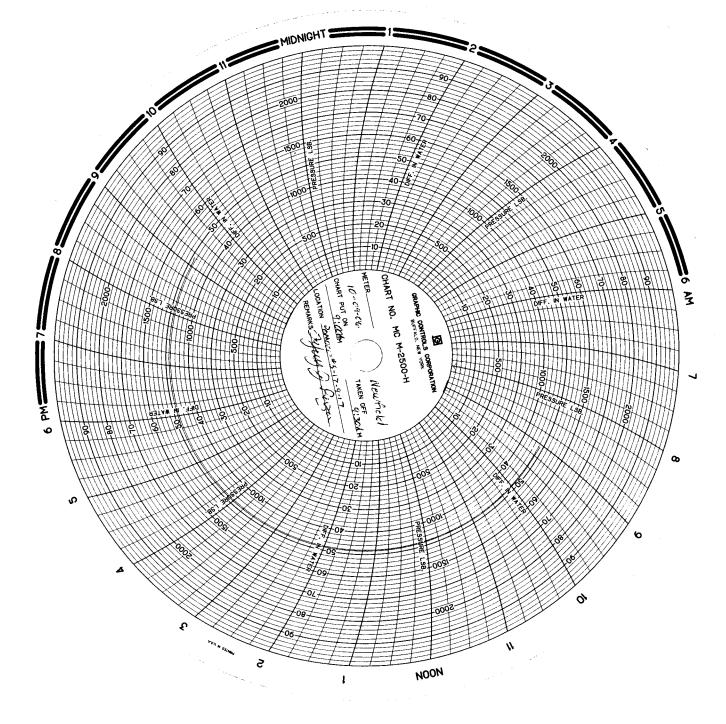
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness:			Date: _	10109	106	
Test conducted by: Tref Others present:						
Well Name: Ponco#5. Field: MONUME IST Location: NUISSU Sec Operator: New Field Last MIT: /	<i>BUHE</i> :: <u>17</u> T <u>9</u> N	16 R_17	Type: ER SWI ∠E/W County: able Pressure:			
Is this a regularly schedule Initial test for permit? Test after well rework? Well injecting during test? Pre-test casing/tubing annula	[ ]	Yes [X Yes [X Yes [X	[] No			bpd
MIT DATA TABLE	Test #1		Test #2		Te	st #3
TUBING	PRESSURE				<del></del>	•
Initial Pressure	1650	psig		psig		psig
End of test pressure	1650	psig		psig		psig
CASING / TUBING	ANNULUS		PRESSURE			
0 minutes	1210	psig		psig		psig
5 minutes	1210	neia		psig		psig
10 minutes	12:0	neio		psig		psig
15 minutes	12/10	noia		psig		psig
20 minutes	1210	neia		psig		psig
25 minutes		psig		psig		psig
30 minutes	12/6			psig		psig
minutes	12/6	psig		psig		psig
minutes		psig		psig		psig
RESULT	X  Pass	[ ]Fail	Pass	[ ]Fail	[ ] Pass	[ ]Fail

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness:		



Sundry Number: 19224 API Well Number: 43013304990000

	STATE OF UTAH		FORM 9			
	<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-7978					
SUNDF	RY NOTICES AND REPORTS ON	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	sals to drill new wells, significantly deepen exis gged wells, or to drill horizontal laterals. Use A		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: POMCO 5			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COM	PANY		<b>9. API NUMBER:</b> 43013304990000			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84	PHONE N 1052 435 646-4825 Ext	IUMBER:	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0660 FWL QTR/QTR, SECTION, TOWNSHI	D DANCE MEDIDIANI		COUNTY: DUCHESNE			
	7 Township: 09.0S Range: 17.0E Meridian: S		STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME			
	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION			
9/29/2011	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK			
SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME ☐	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION			
	☐ REPERFORATE CURRENT FORMATION ☐	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
DRILLING REPORT	☐ TUBING REPAIR ☐	VENT OR FLARE	☐ WATER DISPOSAL			
Report Date:	☐ WATER SHUTOFF ☐	SI TA STATUS EXTENSION	☐ APD EXTENSION			
	☐ WILDCAT WELL DETERMINATION ✓	OTHER	OTHER: 5 YR MIT			
On 09/14/2011 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 09/29/2011 the casing was pressured up to 1410 psig and charted for 30 minutes with no pressure loss. The wellAccepted by the was not injecting during the test. The tubing pressure was 1801 psig duringUtah Division of the test. There was not an EPA representative available to witness the teQil, Gas and Mining EPA# UT20798-04313  FOR RECORD ONLY						
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	TITLE Water Services Technician				
SIGNATURE N/A		<b>DATE</b> 10/5/2011				

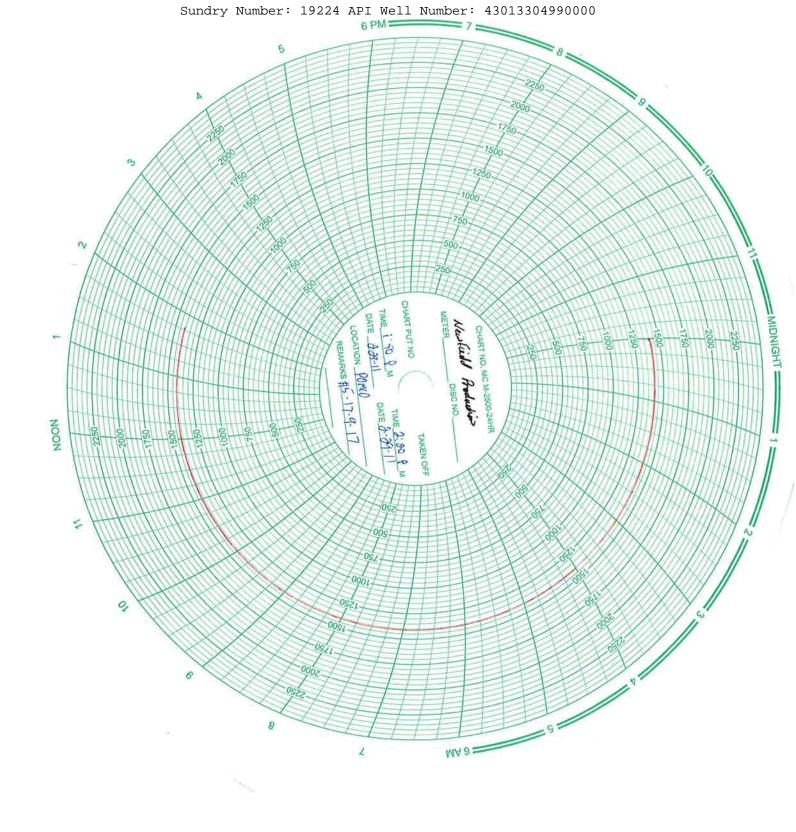
Sundry Number: 19224 API Well Number: 43013304990000

# Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test U.S. Environmental Protection Agency Underground Injection Control Program 999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

Well Name: DMCD		· · · · · · · · · · · · · · · · · · ·	Type: ER SWD St	atus: AC TA UC
Field: South Myton	Newfield		. 6	100 10005
Operator: Tem 1km Avel		N/9 R_1/	(B) W County: Duches	State: UT
Last MIT:/	_/Ma	ximum Allow	vable Pressure: 1840	PSIG
Is this a regularly schedul Initial test for permit?	ed test? [X		] No	
Test after well rework?		Yes [		
Well injecting during test?	Ì	] Yes [X	No If Yes, rate:	bpd
Pre-test casing/tubing annu	lus pressure:	<b>D</b>	psig	
			p	
MIT DATA TABLE	Test #1		Test #2	Test #3
TUBING	PRESSURE			·
Initial Pressure	1801	psig 	psig :	psig
End of test pressure	1801	psig	psig	psig
CASING / TUBING	ANNULUS		PRESSURE	- A
0 minutes	1410	psig	psig	psig
5 minutes	1410	psig	psig	psig
10 minutes	1910	psig	psig	psig
15 minutes	1910	psig	psig	psig
20 minutes	1410	psig	psig	psig
25 minutes	1410	psig	psig	psig
	1410	psig	psig	psig
30 minutes		psig	psig	psig
30 minutes minutes			psig	psig
		psig	baig	1 0

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness:	
Olg. ratal of trial local	



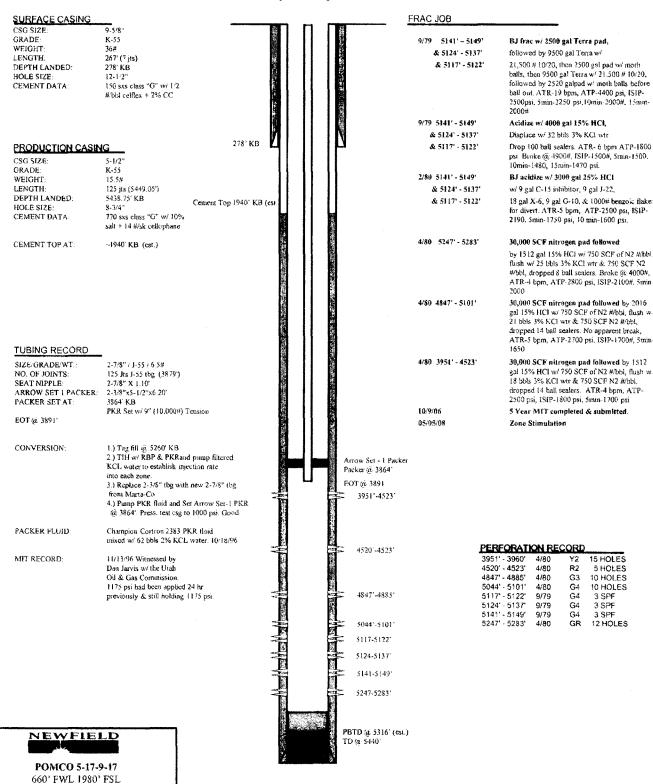
Spud Date: 7/27/79 Completion Date: 8/16/79 GL: \$417' KB: 5429'

NW SW Section 17-T9S-R17E Duchesne Co, Utah

API #43-013-30499; Lease #UTU-74108

# POMCO 5-17-9-17

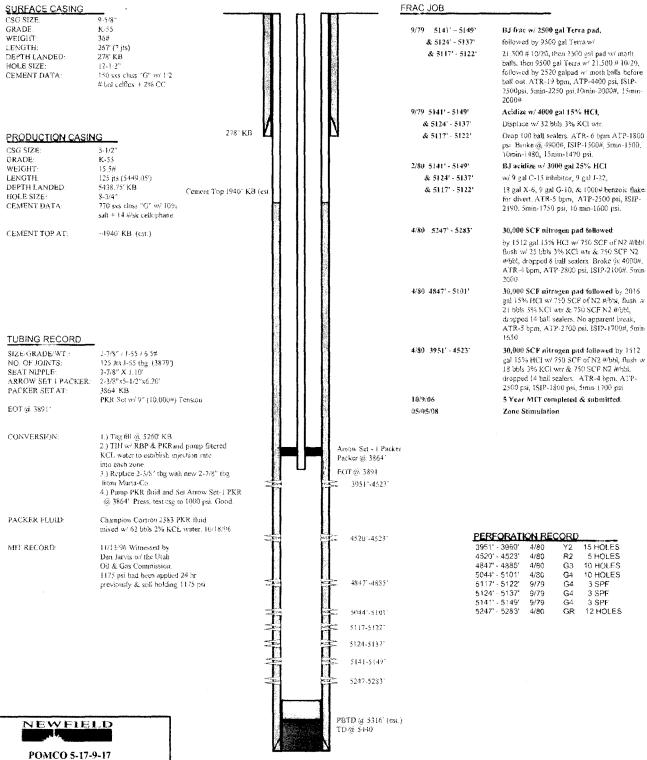
Injection Diagram



### Spud Date: 7/27/79 Completion Date: 8/16/79 GL: 5417' KB: 5429'

# POMCO 5-17-9-17

Injection Diagram



660' FWL 1980' FSL NW SW Section 17-T9S-R17E Duchesne Co. Utah API #43-013-30499; Lease #UTU-74108 Sundry Number: 73976 API Well Number: 43013304990000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: U-7978
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	oposals to drill new wells, significantly d reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: POMCO 5
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		9. API NUMBER: 43013304990000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0660 FWL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 17 Township: 09.0S Range: 17.0E Merid	an: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN [	FRACTURE TREAT	NEW CONSTRUCTION
8/24/2016	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Bate.		/	OTHER: 5 YR MIT
	WILDCAT WELL DETERMINATION	OTHER	·
5 YR MIT perform casing was pressure no pressure loss pressure was 1 representative as	completed operations. Clearly show all med on the above listed well. red up to 1087 psig and charts. The well was injecting durin 616 psig during the test. There is a wailable to witness the test. E	On 08/24/2016 the ed for 30 minutes with ng the test. The tbg e was not an EPA PA #UT22197-04313	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 01, 2016
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	<b>PHONE NUMBE</b> 435 646-4874	R TITLE Water Services Technician	
SIGNATURE N/A		<b>DATE</b> 8/29/2016	

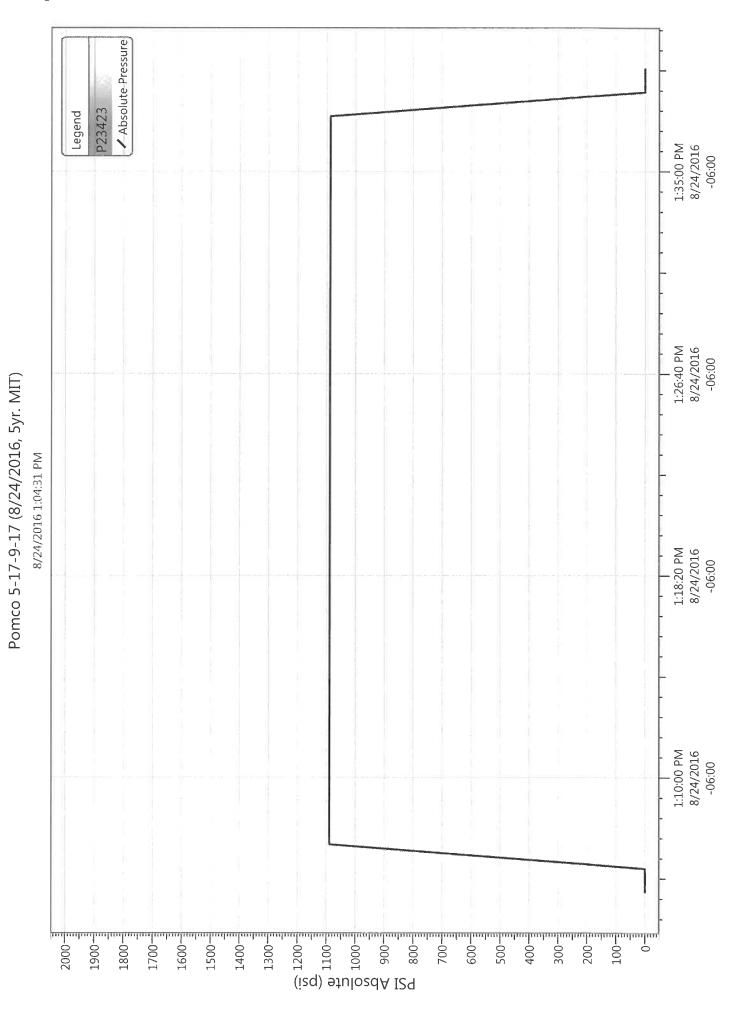
Sundry Number: 73976 API Well Number: 43013304990000

Signature of Witness:

# Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test U.S. Environmental Protection Agency Underground Injection Control Program 999 18th Street, Suite 500 Denver, CO 80202-2466

	939 10 0	nect onte so	Deliver, oo oozoz			
EPA Witness:			Date:	8124	12016	
Test conducted by: Ev	ERETT UNIRG	ih				
Others present:						
					4	-04313
Well Name: Pomco :			Type: ER SWI	D Statu	S. AC TA	UC 1013
Field: MONUMENT			Type. Ext 5111	D Duning	a. AC IA	00
Location: Nwsw Sec	17 T 9 X	INO DIT	EVW County	Dudiesni	Ctata	American III
Operator: New Field	** <u></u>	(a) Kil	_us/ W County.	124016371	State:_[	а.
Last MIT: /			-L1- Deserves	1200	70.4	
Last Will.	/ IVIAXII	mun Whom	able Pressure:	1101	P:	SIG
Is this a regularly schedule	ditest?	Vec [	1 No	*		
Initial test for permit?		Yes $[\chi]$				
Test after well rework?	[ ]	Yes [X	j No			
Well injecting during test?	ixi.	Yes [	No If Yes	rate:	10	had
	£ /1	140 [	, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,		_ upa
Pre-test casing/tubing annulu	ıs pressure:	Se/ 16,	// <sub>a</sub> p	sig		
MIT DATA TABLE	Test #1		Test #2		Test	1 #3
TUBING	PRESSURE		And the second s			
Initial Pressure	1616	psig		psig		psig
End of test pressure	1616	psig	,	psig		psig
CASING / TUBING	ANNULUS		PRESSURE	a sanda	THE AREA TO THE PARTY OF THE PA	
0 minutes	1089	psig		psig	P. Dis. of p. of the course province	psig
5 minutes	1089	psig		psig		psig
10 minutes	1089	psig		psig		psig
15 minutes	1088	psig		psig		psig
20 minutes	1088	psig		psig		psig
25 minutes	1088	psig		psig		psig
30 minutes	1087	psig		psig		psig
minutes		psig		psig		psig
minutes		psig		psig		psig
RESULT	Pass	Fail	Pass	[ ]Fail	Pass	[ ]Fail
			the second secon			1 1-41
Does the annulus pressure bu	uild back up after	the test 2	I I Voc	[X] No		
					a mara cima	
MECH	ANICAL I	NILG	KILY PK	ESSOKE	E LESI	
A 4 1549						
Additional comments for r	nechanical integ	grity press	ure test, such	as volume o	of fluid adde	d to annulus
and bled back at end of te	est, reason for fa	ailing test	(casing head I	eak, tubing	leak, other),	etc.:

Sundry Number: 73976 API Well Number: 43013304990000





WELL NAME: POMCO #5

FIELD: Monument Butte Field (Beluga Unit)

FEDERAL LEASE NO.: U-7978

LOCATION: NW SW Sec.17, T9S, R17E FOOTAGE: 660' FWL, 1980' FSL COUNTY/STATE: Duchesne County, Utah

WORKING INTEREST: 0.91491728

PRODUCING FORMATION: Green River

COMPLETION DATE: 8/16/79

**INITIAL PRODUCTION:** 

OIL/GAS PURCHASER: AMOCO PRESENT PROD STATUS: PROD ELEVATIONS - GROUND: 5417' GL TOTAL DEPTH: 5440' KB

**SURFACE CASING** 

STRING: 1 CSG SIZE: 9-5/8" GRADE: K-55 WEIGHT: 36# LENGTH: 279' (7 jts)

DEPTH LANDED: 278' KB HOLE SIZE: 12-1/2"

CEMENT DATA: 150 sxs class "G" w/ 1/2 #/bbl celflex + 2% CC

**TUBING RECORD** 

SIZE/GRADE/WT.: 2-7/8", J-55, 6.5# NO. OF JOINTS: 119 jts (3732.61') TUBING ANCHOR: 2.65' (12,000# tension)

NO. OF JOINTS: 45 jts (1426') SEATING NIPPLE: 2 7/8" x 1.08' PERFORATED SUB: 2 7/8" x 4.11'

MUD ANCHOR: 2 7/8" x 31.68' w/NC

TOTAL STRING LENGTH: 5199.21' SN LANDED AT: 5175' KB

EOT: 5211' KB

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" X 22' SUCKER RODS: 1 - 3/4" X 2'

207 - 3/4" X 25' class "D"

TOTAL ROD STRING LENGTH: 5193.5'

PUMP NUMBER:

PUMP SIZE: 2-1/2" x 1-1/4" x 15' RHAC

STROKE LENGTH: PUMP SPEED, SPM:

NPS Supply (Chinese)

PUMPING UNIT SIZE: 160-200-74

PRIME MOVER: Waukesha VRG 180, 4 cyl engine

LOGS: Comb. Densilog & Neutron log, Densilog, Dual Laterlog DATE: 11/10/95 vk

API NO.: 43-013-30499

NET REVENUE INTEREST: 0.80471769 Oil

0.73108274 Gas

SPUD DATE: 7/27/79

OIL GRAVITY: BHT:

KB: 5429' KB (12' KB)

PLUG BACK TD: 5316' KB (est.)

PRODUCTION CASING

STRING: 1 CSG SIZE: 5-1/2" GRADE: K-55 WEIGHT: 15.5#

LENGTH: 125 jts (5449.05')

DEPTH LANDED: 5438.75' KB

HOLE SIZE: 8-3/4"

CEMENT DATA: 770 sxs class "G" w/ 10%

salt + 14 #/sk cellophane

CEMENT TOP AT: ~1940' KB (est.)

PERFORATION RECORD

3951' - 3960' 4/80 Y2 15 HOLES 4520' - 4523' 5 HOLES 4/80 R2 4847' - 4885' 4/80 G3 10 HOLES 5044' - 5101' 4/80 10 HOLES G4 5117' - 5122' 9/79 G4 3 SPF 5124' - 5137' 9/79 G4 3 SPF 5141' - 5149' 9/79 3 SPF G4 5247' - 5283' 4/80 GR 12 HOLES

**FRAC JOB** 

5141' - 5149' 9/79 & 5124' - 5137' & 5117' - 5122' BJ frac w/ 2500 gal Terra pad, followed by 9500 gal Terra w/ 21,500 # 10/20, then 2500 gal pad w/ moth balls, then

9500 gal Terra w/ 21,500 # 10/20, followed by 2520 gal pad w/ moth balls before ball out. ATR-19 bpm, ATP-4400 psi, ISIP-2500psi, 5min-2250 psi, 10min-2000#, 15min-2000#

ACID JOB / BREAKDOWN JOB

CONTINUED ON NEXT PAGE



POMCO #5 NW SW Sec.17, T9S, R17E 660' FWL, 1980' FSL Monument Butte Field (Beluga Unit) Duchesne County, Utah

WELL DATA CONTINUED PAGE TWO

### ACID JOB / BREAKDOWN JOB

5141' - 5149' & 5124' - 5137' & 5117' - 5122'	9/79	Acidize w/ 4000 gal 15% HCl, Displace w/ 32 bbls 3% KCl wtr. Drop 100 ball sealers. ATR- 6 bpm ATP-1800 psi. Broke @ 4900#, ISIP-1500#, 5min-1500, 10min-1480, 15min-1470 psi.
5141' - 5149' & 5124' - 5137' & 5117' - 5122'	2/80	BJ acidize w/ 3000 gal 25% HCl w/ 9 gal C-15 inhibitor, 9 gal J-22, 18 gal X-6, 9 gal G-10, & 1000# benzoic flakes for divert. ATR-5 bpm, ATP-2500 psi, ISIP-2190, 5min-1750 psi, 10 min-1600 psi.
5247' - 5283'	4/80	30,000 SCF nitrogen pad followed by 1512 gal 15% HCl w/ 750 SCF of N2 #/bbl, flush w/ 25 bbls 3% KCl wtr & 750 SCF N2 #/bbl, dropped 8 ball sealers. Broke @ 4000#, ATR-4 bpm, ATP-2800 psi, ISIP-2100#, 5min-2000
4847' - 5101'	4/80	30,000 SCF nitrogen pad followed by 2016 gal 15% HCl w/ 750 SCF of N2 #/bbl, flush w/ 21 bbls 3% KCl wtr & 750 SCF N2 #/bbl, dropped 14 ball sealers. No apparent break, ATR-5 bpm, ATP-2700 psi, ISIP-1700#, 5min-1650
3951' - 4523'	4/80	30,000 SCF nitrogen pad followed by 1512 gal 15% HCl w/ 750 SCF of N2 #/bbl, flush w/ 18 bbls 3% KCl wtr & 750 SCF N2 #/bbl, dropped 14 ball sealers. ATR-4 bpm, ATP-2500 psi, ISIP-1800 psi, 5min-1700 psi



POMCO NW SW 7, T9S, R17E 660' FWL, 1980' FSL Lease #U-7978 Monument Butte Field (Beluga Unit) Duchesne County, Utah

Elev.GR - 5417' GL Elev.KB - 5429' KB (12' KB)

#### WELLBORE DIAGRAM

DATE: 11/10/95 vk

SURFACE	CASING
	-

CSG SIZE: 9-5/8"
GRADE: K-55
WEIGHT: 36#
LENGTH: 279' (7 jts)
DEPTH LANDED: 278' KB
HOLE SIZE: 12-1/2"

CEMENT DATA: 150 sxs class "G" w/ 1/2 #/bbl celflex + 2% CC

278' KB

#### ACID JOB /BREAKDOWN

5141' - 5149' 9/79 Acidize w/ 4000 gal 15% HCl, & 5124' - 5137' Displace w/ 32 bbls 3% KCI wtr. & 5117' - 5122' Drop 100 ball sealers. ATR- 6 bpm ATP-1800 psi. Broke @ 4900#, ISIP-1500#, 5min-1500, 10min-1480, 15min-1470 psi. 5141' - 5149' 2/80 BJ acidize w/ 3000 gal 25% HCI & 5124' - 5137' w/ 9 gal C-15 inhibitor, 9 gal J-22, & 5117' - 5122' 18 gal X-6, 9 gal G-10, & 1000# benzoic flakes for divert. ATR-5 bpm, ATP-2500 psi, ISIP-2190, 5min-1750 psi, 10 min-1600 psi. 5247' - 5283' 4/80 30,000 SCF nitrogen pad followed by 1512 gal 15% HCl w/ 750 SCF of N2 #/bbl, flush w/ 25 bbls 3% KCl wtr & 750 SCF N2 #/bbl, dropped 8 ball sealers. Broke @ 4000#, ATR-4 bpm ATP-2800 psi, ISIP-2100#, 5min-2000 4847' - 5101' 4/80 30,000 SCF nitrogen pad followed

by 2016 gal 15% HCl w/ 750 SCF of N2 #/bbl, flush w/ 21 bbls 3% KCl wtr & 750 SCF N2 #/bbl, dropped 14 ball sealers. No apparent break, ATR-5 bpm, ATP-2700 psi, ISIP-1700#, 5min-1650 30,000 SCF nitrogen pad followed by 1512 gal 15% HCl w/ 750 SCF of N2

by 1512 gal 15% HCI w/ 750 SCF of N2 #/bbl, flush w/ 18 bbls 3% KCI wtr & 750 SCF N2 #/bbl, dropped 14 ball sealers. ATR-4 bpm, ATP-2500 psi, ISIP-1800 psi, 5min-1700 psi

TOC - 1940' KB (est.)

#### PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 125 jts (5449.05')
DEPTH LANDED: 5438.75' KB
HOLE SIZE: 8-3/4"
CEMENT DATA: 770 sxs class "G" w/ 10%
salt + 14 #/sk cellophane

CEMENT TOP AT: ~1940' KB (est.)

#### **TUBING**

SIZE/GRADE/WT.: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 119 jts (3732.61')
TUBING ANCHOR: 2.65' (12,000# tension)
NO. OF JOINTS: 45 jts (1426')
SEATING NIPPLE: 27/8" x 1.08'
PERFORATED SUB: 27/8" x 4.11'
MUD ANCHOR: 27/8" x 31.68' w/NC
STRING LENGTH: 5199.21'
SN LANDED AT: 5175' KB
EOT: 5211' KB

#### **SUCKER RODS**

POLISHED ROD: 1-1/4" X 22' SUCKER RODS: 1 - 3/4" X 2' 207 - 3/4" X 25' class "D"

STRING LENGTH: 5193.5'

PUMP SIZE: 2-1/2" x 1-1/4" x 15' RHAC

STROKE LENGTH: PUMP SPEED, SPM:

PUMP NUMBER:

PUMPING UNIT: NPS Supply (Chinese)

160-200-74

PRIME MOVER: Waukesha VRG 180, 4 cyl engine

LOGS: Comb. Densilog & Neutron log, Densilog, Dual Laterlog

#### FRAC JOB

5141' - 5149' 9/79 & 5124' - 5137' & 5117' - 5122'

3951' - 4523' 4/80

BJ frac w/ 2500 gal Terra pad, followed by 9500 gal Terra w/ 21,500 # 10/20, then 2500 gal pad w/ moth balls, then 9500 gal Terra w/ 21,500 # 10/20, followed by 2520 gal pad w/ moth balls before ball out. ATR-19 bpm, ATP-4400 psi, ISIP-2500 psi, 5min-2250 psi, 10min-2000#, 15min-2000#

#### PERFORATION RECORD

3951' - 4523'				
	3951' - 3960'	4/80	Y2	15 HOLES
	4520' - 4523'	4/80	R2	5 HOLES
4847' - 5101'	4847' - 4885'	4/80	G3	10 HOLES
	5044' - 5101'	4/80	G4	10 HOLES
	5117' - 5122'	9/79	G4	3 SPF
5117' - 5122'	5124' - 5137'	9/79	G4	3 SPF
5124' - 5137'	5141' - 5149'	9/79	G4	3 SPF
5147' - 5149'	5247' - 5283'	4/80	GR	12 HOLES

5247' - 5283'

SN Landed @ 5175'

PBTD @ 5316' KB (est.) TD @ 5440' KB



POMCO #5 NW SW Sec.17, T9S, R17E 660' FWL, 1980' FSL Lease #U-7978 Monument Butte Field (Beluga Unit) Duchesne County, Utah

Elev.GR - 5417' GL Elev.KB - 5429' KB (12' KB)

#### Proposed injection Wellbore Diagram

278' KB

DATE: 3/22/96 JZ

#### SURFACE CASING

CSG SIZE: 9-5/8" GRADE: K-55 WEIGHT: 36# LENGTH: 267' (7 jts) DEPTH LANDED: 278' KB HOLE SIZE: 12-1/2" CEMENT DATA: 150 sxs class "G" w/ 1/2

#/bbl celflex + 2% CC

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: K-55 WEIGHT: 15.5#

LENGTH: 125 jts (5449.05') DEPTH LANDED: 5438.75' KB HOLE SIZE: 8-3/4"

CEMENT DATA: 770 sxs class "G" w/ 10% salt + 14 #/sk cellophane

CEMENT TOP AT: ~1940' KB (est.)

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 3879' SEAT NIPPLE: 2-7/8" X 1.1' ARROW SET 1 PACKER: 5-1/2" X 4" PACKER SET AT: 3891' KB

Uinta Formation Surface to 1450 ft.

TOC - 1940' KB (est.)

PER	FORA:	TION	RECORD

3951' - 3960'	4/80	Y2	15 HOLES
4520' - 4523'	4/80	R2	5 HOLES
4847' - 4885'	4/80	G3	10 HOLES
5044' - 5101'	4/80	G4	10 HOLES
5117' - 5122'	9/79	G4	3 SPF
5124' - 5137'	9/79	G4	3 SPF
5141' - 5149'	9/79	G4	3 SPF
5247' - 5283'	4/80	GR	12 HOLES

Green River Formation 1450 to 5400 ft.

ARROW SET-1 PACKER SET AT 3891' KB

3951' - 4523'

4847' - 5101'

5117' - 5122' 5124' - 5137' 5147' - 5149'

5247' - 5283'

Douglas Creek Member 4550 to 5400 ft. Wasatch Fm. Transition 5400 to 5950 ft. PBTD @ 5316' KB (est.) TD @ 5440' KB



POMCO #5 NW SW Sec.17, T9S, R17E 660' FWL, 1980' FSL Lease #U-7978 Monument Butte Field (Beluga Unit) Duchesne County, Utah

Elev.GR - 5417' GL Elev.KB - 5429' KB (12' KB)

#### Proposed Plugging & Abandonment Diagram

DATE: 3/22/96 JZ

SURFACE CASING

CSG SIZE: 9-5/8"

GRADE: K-55

WEIGHT: 36#

LENGTH: 267' (7 jts)

DEPTH LANDED: 278' KB

HOLE SIZE: 12-1/2"

CEMENT DATA: 150 sxs class "G" w/ 1/2

#/bbl celflex + 2% CC

278' KB

Plug No.2 Surface to 378 ft.

Permanent P&A marker w/ identifying well information.

Perforate csg at 100 ft below the surface csg shoe & circulate 100 sx of Class-G Cement

**PRODUCTION CASING** 

CSG SIZE: 5-1/2" GRADE: K-55 WEIGHT: 15.5# LENGTH: 125 jts (5449.05') DEPTH LANDED: 5438.75' KB HOLE SIZE: 8-3/4"

CEMENT DATA: 770 sxs class "G" w/ 10% salt + 14 #/sk cellophane

AENT TOD AT ... 40 (0) KD ( ...)

CEMENT TOP AT: ~1940' KB (est.)

Uinta Formation Surface to 1450 ft.

TOC - 1940' KB (est.)

PERFORATION RECORD

3951' - 3960'	4/80	Y2	15 HOLES
4520' - 4523'	4/80	R2	5 HOLES
4847' - 4885'	4/80	G3	10 HOLES
5044' - 5101'	4/80	G4	10 HOLES
5117' - 5122'	9/79	G4	3 SPF
5124' - 5137'	9/79	G4	3 SPF
5141' - 5149'	9/79	G4	3 SPF
5247' - 5283'	4/80	GR	12 HOLES

Green River Formation 1450 to 5400 ft.

3951' - 4523'

Plug No.1 TD to 3651 ft. 4847' - 5101' 260 sx of Class-G Cement

5117' - 5122' 5124' - 5137' 5147' - 5149'

5247' - 5283'

Douglas Creek Member 4550 to 5400 ft. Wasatch Fm. Transition 5400 to 5950 ft. PBTD @ 5316' KB (est.) TD @ 5440' KB

Wasatch Formation 5950 ft.

PLUGGING PROCEDURE

Enter the well w/tbg and wash to TD. If the well is not dead, circulate mud with sufficient weight to kill the well. Pump a balanced cement plug using 260 sacks across the Douglas Creek Member of the Green River Formation from TD to at least 300 ft above the upper most perfs. The production csg will be perforated for two feet using 4 SPF at a point 100 ft below the surface csg shoe. Circulation will be established to surface and cement will be circulated to fill the production csg & the annulus from the perforations to surface using 100 sx of class-G cement. The top of the second cement plug will be at the surface & the bottom will be 100 ft below the surface csg shoe. A P&A marker will be set to identify the location.